

L Number	Hits	Search Text	DB	Time stamp
1	268512	cellulose	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:30
2	94128	cellulose and sulfate	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:30
3	66634	(cellulose and sulfate) and acetate	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:30
4	65730	((cellulose and sulfate) and acetate) and (method or process)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:31
5	12195	((((cellulose and sulfate) and acetate) and (method or process)) and (acetic and sulfuric and acid and anhydride)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:32
6	12175	(((((cellulose and sulfate) and acetate) and (method or process)) and (acetic and sulfuric and acid and anhydride)) and (hydro or water or aqueous and soluble))	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:33
7	39	((((((cellulose and sulfate) and acetate) and (method or process)) and (acetic and sulfuric and acid and anhydride)) and (hydro or water or aqueous and soluble)) and (acetylation and sulfation and degree)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/18 12:34

L Number	Hits	Search Text	DB	Time stamp
1	268702	cellulose	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:52
2	69773	cellulose and (sul\$ate and acetate)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:54
3	1258	cellulose and (sul\$ate NEAR acetate)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:54
4	288	(cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:55
5	288	((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:56
6	287	((((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)) and (hydro or aqueous or water and soluble))	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:57
7	224	((((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)) and (hydro or aqueous or water and soluble)) and (acetylation and sul\$ation degree)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:58
8	213	(((((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)) and (hydro or aqueous or water and soluble)) and (acetylation and sul\$ation degree)) and pH	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 16:59
9	0	(((((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)) and (hydro or aqueous or water and soluble)) and (acetylation and sul\$ation degree)) and pH) and (gel and thixotropic and thermoreversible)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 17:01
11	23	(((((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)) and (hydro or aqueous or water and soluble)) and (acetylation and sul\$ation degree)) and pH) and gel) and (thermal and stabl\$)	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 17:01
10	186	(((((cellulose and (sul\$ate NEAR acetate)) and (acetic and sul\$uric and acid and anhydride)) and (method or process)) and (hydro or aqueous or water and soluble)) and (acetylation and sul\$ation degree)) and pH) and gel	USPAT; US-PPGPUB; EPO; DERWENT	2002/11/19 17:02

=> dis hist

(FILE 'HOME' ENTERED AT 16:03:40 ON 20 NOV 2002)

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPINDEX, WTEXTILES' ENTERED AT 16:03:57 ON 20 NOV 2002

L1 730826 S CELLULOSE
L2 209207 S L1 AND ACETATE
L3 62238 S L2 AND SULFATE
L4 31389 S L3 AND ACETIC
L5 16793 S L4 AND ANHYDRIDE
L6 10161 S L5 AND SULFURIC
L7 5540 S L6 AND SOLUBLE
L8 5537 S L7 AND (WATER OR AQUEOUS OR HYDRO)
L9 1964 S L8 AND (SUSPENDING OR SOAKING)
L10 24 S L9 AND (SULFATION AND ACETYLATION AND DEGREE)
L11 0 S L10 AND (GEL AND THIXOTROPIC AND THERMOREVERSIBLE)
L12 24 S L10 AND (PH AND MAINTAIN OR MONITOR)

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTTEXT, IPA, ...' ENTERED AT 16:12:56 ON 20 NOV 2002

L13 0 S L10

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPINDEX, WTEXTILES' ENTERED AT 16:15:53 ON 20 NOV 2002

L14 14199 S L2 AND SULPHATE
L15 1802 S L14 AND L4 AND L5
L16 351 S L15 AND SULPHURIC
L17 25 S L16 AND L7 AND L8 AND L9
L18 0 S L17 AND L10
L19 0 S L17 AND L11 AND L12

FILE 'CAOLD' ENTERED AT 16:20:46 ON 20 NOV 2002

L20 0 S L12

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
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FILE 'HOME' ENTERED AT 16:03:40 ON 20 NOV 2002

=> file polymers
COST IN U.S. DOLLARS
SINCE FILE
ENTRY
TOTAL
SESSION
0.21
0.21
FULL ESTIMATED COST

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COPYRIGHT (C) 2002 Inst. of Textile Technology

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FILE 'WTEXTILES' ENTERED AT 16:03:57 ON 20 NOV 2002
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=> s cellulose
L1 730826 CELLULOSE

=> s 11 and acetate
L2 209207 L1 AND ACETATE

The truncation symbol ? may be used only at the end of a search term. To specify a variable character within a word use '!', e.g., 'wom!n' to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (=>) for more information.

=> s 12 and sulfate
L3 62238 L2 AND SULFATE

=> s 13 and acetic
L4 31389 L3 AND ACETIC

=> s 14 and anhydride
L5 16793 L4 AND ANHYDRIDE

=> s 15 and sulfuric
L6 10161 L5 AND SULFURIC

=> s 16 and soluble
L7 5540 16 AND SOLUBLE

=> s 17 and (water or aqueous or hydro)
17 FILES SEARCHED...

L8 5537 L7 AND (WATER OR AQUEOUS OR HYDRO)

=> s 18 and (suspending or soaking)
L9 1964 L8 AND (SUSPENDING OR SOAKING)

=> s 19 and (sulfation and acetylation and degree)
L10 24 L9 AND (SULFATION AND ACETYLATION AND DEGREE)

=> dis 110 1-24 bib abs

L10 ANSWER 1 OF 24 USPATFULL
AN 2002:294305 USPATFULL
TI Compositions and methods relating to colon specific genes and proteins
IN Macina, Roberto, San Jose, CA, UNITED STATES
Recipon, Herve E., San Francisco, CA, UNITED STATES
Pluta, Jason, Redwood City, CA, UNITED STATES
Ghosh, Malavika, San Jose, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
PI US 2002164344 A1 20021107
AI US 2001-989919 A1 20011121 (9)
PRAI US 2000-252505P 20001122 (60)
DT Utility
FS APPLICATION
LREP Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 8328
AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic colon cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating colon cancer and non-cancerous disease states in colon tissue, identifying colon tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered colon tissue for treatment and research.

L10 ANSWER 2 OF 24 USPATFULL
AN 2002:287525 USPATFULL
TI Compositions and methods relating to lung specific genes and proteins
IN Macina, Roberto, San Jose, CA, UNITED STATES
Recipon, Herve E., San Francisco, CA, UNITED STATES
Chen, Sei-Yu, Foster City, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
Turner, Leah, Sunnyvale, CA, UNITED STATES
PI US 2002160388 A1 20021031
AI US 2001-1873 A1 20011120 (10)
PRAI US 2000-252055P 20001120 (60)
US 2000-252496P 20001122 (60)
DT Utility
FS APPLICATION

LREP Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 7000

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic lung cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating lung cancer and non-cancerous disease states in lung, identifying lung tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered lung tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 24 USPATFULL
AN 2002:287524 USPATFULL
TI Compositions and methods relating to ovary specific genes and proteins
IN Salceda, Susana, San Jose, CA, UNITED STATES
Macina, Roberto A., San Jose, CA, UNITED STATES
Recipon, Herve E., San Francisco, CA, UNITED STATES
Cafferkey, Robert, South San Francisco, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
PI US 2002160387 A1 20021031
AI US 2001-1835 A1 20011120 (10)
PRAI US 2000-249997P 20001120 (60)
DT Utility
FS APPLICATION
LREP LICATLA & TYRRELL P.C., 66 E. MAIN STREET, MARLTON, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 9866

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic ovary cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating ovarian cancer and non-cancerous disease states in ovary tissue, identifying ovary tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered ovary tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 24 USPATFULL
AN 2002:280030 USPATFULL

TI Compositions and methods relating to breast specific genes and proteins
IN Salceda, Susana, San Jose, CA, UNITED STATES
Macina, Roberto A., San Jose, CA, UNITED STATES
Recipon, Herve E., San Francisco, CA, UNITED STATES
Cafferkey, Robert, South San Francisco, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
PI US 2002155464 A1 20021024
AI US 2001-1887 A1 20011120 (10)
PRAI US 2000-249998P 20001120 (60)
US 2000-252563P 20001122 (60)
DT Utility
FS APPLICATION
LREP LICATLA & TYRRELL P.C., 66 E. MAIN STREET, MARLTON, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 8561

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic breast cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating breast cancer and non-cancerous disease states in breast tissue, identifying breast tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered breast tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 24 USPATFULL
AN 2002:272803 USPATFULL
TI Compositions and methods relating to prostate specific genes and proteins
IN Salceda, Susana, San Jose, CA, UNITED STATES
Macina, Roberto A., San Jose, CA, UNITED STATES
Recipon, Herve E., San Jose, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
PI US 2002150924 A1 20021017
AI US 2001-1870 A1 20011120 (10)
PRAI US 2000-252189P 20001121 (60)
DT Utility
FS APPLICATION
LREP Nathan P. Letts, diaDexus, Inc., 343 Oyster Point Boulevard, South San Francisco, CA, 94080
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 8617

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic prostate cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to

compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating prostate cancer and non-cancerous disease states in prostate tissue, identifying prostate tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered prostate tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 24 USPATFULL
AN 2002:243069 USPATFULL
TI Compositions and methods relating to breast specific genes and proteins
IN Salceda, Susana, San Jose, CA, UNITED STATES
Macina, Roberto, San Jose, CA, UNITED STATES
Recipon, Herve E., San Francisco, CA, UNITED STATES
Cafferkey, Robert, South San Francisco, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
Turner, Leah R., Sunnyvale, CA, UNITED STATES
PI US 2002132255 A1 20020919
AI US 2001-1843 A1 20011120 (10)
PRAI US 2000-249992P 20001120 (60)
DT Utility
FS APPLICATION
LREP LICATLA & TYRRELL P.C., 66 E. MAIN STREET, MARLTON, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 9690

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic breast cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating breast cancer and non-cancerous disease states in breast tissue, identifying breast tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered breast tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 24 USPATFULL
AN 2002:235389 USPATFULL
TI Compositions and methods relating to prostate specific genes and proteins
IN Salceda, Susana, San Jose, CA, UNITED STATES
Macina, Roberto A., San Jose, CA, UNITED STATES
Recipon, Herve E., San Francisco, CA, UNITED STATES
Cafferkey, Robert, South San Francisco, CA, UNITED STATES
Ali, Shujath, Santa Clara, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
Chen, Sei-Yu, Foster City, CA, UNITED STATES
PI US 2002127578 A1 20020912

AI US 2001-995494 A1 20011127 (9)
PRAI US 2000-253176P 20001127 (60)
DT Utility
FS APPLICATION
LREP Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 7825

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic prostate cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating prostate cancer and non-cancerous disease states in prostate tissue, identifying prostate tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and production of engineered prostate tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 24 USPATFULL
AN 2002:235054 USPATFULL
TI Compositions and methods relating to prostate specific genes and proteins
IN Salceda, Susana, San Jose, CA, UNITED STATES
Macina, Roberto A., San Jose, CA, UNITED STATES
Recipon, Herve E., San Jose, CA, UNITED STATES
Cafferkey, Robert, South San Francisco, CA, UNITED STATES
Ali, Shujath, Santa Clara, CA, UNITED STATES
Sun, Yongming, San Jose, CA, UNITED STATES
Liu, Chenghua, San Jose, CA, UNITED STATES
PI US 2002127237 A1 20020912
AI US 2001-1879 A1 20011120 (10)
PRAI US 2000-252188P 20001121 (60)
DT Utility
FS APPLICATION
LREP Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ, 08053
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 8034

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to newly identified nucleic acids and polypeptides present in normal and neoplastic prostate cells, including fragments, variants and derivatives of the nucleic acids and polypeptides. The present invention also relates to antibodies to the polypeptides of the invention, as well as agonists and antagonists of the polypeptides of the invention. The invention also relates to compositions comprising the nucleic acids, polypeptides, antibodies, variants, derivatives, agonists and antagonists of the invention and methods for the use of these compositions. These uses include identifying, diagnosing, monitoring, staging, imaging and treating prostate cancer and non-cancerous disease states in prostate tissue, identifying prostate tissue, monitoring and identifying and/or designing agonists and antagonists of polypeptides of the invention. The uses also include gene therapy, production of transgenic animals and cells, and

production of engineered prostate tissue for treatment and research.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 9 OF 24 USPATFULL
AN 2002:99444 USPATFULL
TI Novel prodrugs for phosphorus-containing compounds
IN Erion, Mark D., Del Mar, CA, UNITED STATES
Reddy, K. Raja, San Diego, CA, UNITED STATES
Robinson, Edward D., San Diego, CA, UNITED STATES
Ugarkar, Bheemarao G., San Diego, CA, UNITED STATES
PI US 2002052345 A1 20020502
AI US 2001-978454 A1 20011015 (9)
RLI Continuation of Ser. No. US 1999-392352, filed on 8 Sep 1999, GRANTED,
Pat. No. US 6312662 Continuation-in-part of Ser. No. US 1999-263976,
filed on 5 Mar 1999, PENDING
PRAI US 1998-77164P 19980306 (60)
US 1998-77165P 19980306 (60)
DT Utility
FS APPLICATION
LREP EDWARD O. KRUESSER, BROBECK PHLEGER & HARRISON, 12390 EL CAMINO REAL,
SAN DIEGO, CA, 92130
CLMN Number of Claims: 167
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 8663
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Prodrugs of formula I, their uses, their intermediates, and their method
of manufacture are described: ##STR1##

wherein:

V, W, and W' are independently selected from the group consisting of
--H, alkyl, aralkyl, alicyclic, aryl, substituted aryl, heteroaryl,
substituted heteroaryl, 1-alkenyl, and 1-alkynyl; or

together V and Z are connected via an additional 3-5 atoms to form a
cyclic group containing 5-7 atoms, optionally 1 heteroatom, substituted
with hydroxy, acyloxy, alkoxy carbonyloxy, or aryloxy carbonyloxy attached
to a carbon atom that is three atoms from both O groups attached to the
phosphorus; or

together V and Z are connected via an additional 3-5 atoms to form a
cyclic group, optionally containing 1 heteroatom, that is fused to an
aryl group at the beta and gamma position to the O attached to the
phosphorus;

together V and W are connected via an additional 3 carbon atoms to form
an optionally substituted cyclic group containing 6 carbon atoms and
substituted with one substituent selected from the group consisting of
hydroxy, acyloxy, alkoxy carbonyloxy, alkylthiocarbonyloxy, and
aryloxy carbonyloxy, attached to one of said carbon atoms that is three
atoms from an O attached to the phosphorus;

together Z and W are connected via an additional 3-5 atoms to form a
cyclic group, optionally containing one heteroatom, and V must be aryl,
substituted aryl, heteroaryl, or substituted heteroaryl;

together W and W' are connected via an additional 2-5 atoms to form a
cyclic group, optionally containing 0-2 heteroatoms, and V must be aryl,
substituted aryl, heteroaryl, or substituted heteroaryl;

Z is selected from the group consisting of --CHR.sup.20H,
--CHR.sup.20C(O)R.sup.3, --CHR.sup.20C(S)R.sup.3, --

CHR.sup.2OC(S)OR.sup.3, --CHR.sup.2OC(O)SR.sup.3, --
CHR.sup.2OCO.sub.2R.sup.3, --OR.sup.2, --SR.sup.2, --CHR.sup.2N.sub.3,
--CH.sub.2aryl, --CH(aryl)OH, --CH(CH.dbd.CR.sup.22)OH,
--CH(C.tbd.CR.sup.2)OH, --R.sup.2, --NR.sup.2.sub.2, --OCOR.sup.3,
--OCO.sub.2R.sup.3, --SCOR.sup.3, --SCO.sub.2R.sup.3, --NHCOR.sub.2,
--NHCO.sub.2R.sup.3, --CH.sub.2Naryl, --(CH.sub.2).sub.p-- OR.sup.12,
and --(CH.sub.2).sub.p--SR.sup.12;

p is an integer 2 or 3;

with the provisos that:

a) V, Z, W, W' are not all --H; and

b) when Z is --R.sup.2, then at least one of V, W, and W' is not --H,
alkyl, aralkyl, or alicyclic;

R.sup.2 is selected from the group consisting of R.sup.3 and --H;

R.sup.3 is selected from the group consisting of alkyl, aryl, alicyclic,
and aralkyl;

R.sup.12 is selected from the group consisting of --H, and lower acyl;

M is selected from the group that attached to PO.sub.3.sup.2-,
P.sub.2O.sub.6.sup.3-, or P.sub.3O.sub.9.sup.4- is a biologically active
agent, and is attached to the phosphorus in formula I via a carbon,
oxygen, sulfur or nitrogen atom;

and pharmaceutically acceptable prodrugs and salts thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 10 OF 24 USPATFULL
AN 2002:1210 USPATFULL
TI Personal cleansing compositions comprising mid-chain branched
surfactants
IN Coffindaffer, Timothy Woodrow, Loveland, OH, United States
Vinson, Phillip Kyle, Fairfield, OH, United States
Cripe, Thomas Anthony, Loveland, OH, United States
Lanzalaco, Anthony Charles, Fairfield, OH, United States
Stidham, Robert Emerson, Lawrenceburg, IN, United States
Connor, Daniel Stedman, Cincinnati, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 6335312 B1 20020101
AI US 2000-542684 20000404 (9)
RLI Continuation of Ser. No. WO 1998-IB1585, filed on 12 Oct 1998
PRAI US 1997-61916P 19971014 (60)
US 1997-61916P 19971014 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Ogden, Necholes
LREP Robinson, Ian S., Cook, C. Brant, Zerby, Kim William
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 4471
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to personal cleansing products which include
mid-chain branched surfactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 24 USPATFULL
AN 2001:196573 USPATFULL
TI Prodrugs phosphorus-containing compounds
IN Erion, Mark D., Del Mar, CA, United States
Reddy, K. Raja, San Diego, CA, United States
Robinson, Edward D., San Diego, CA, United States
Ugarkar, Bheemarao G., San Diego, CA, United States
PA Metabasis Therapeutics, Inc., San Diego, CA, United States (U.S.
corporation)
PI US 6312662 B1 20011106
AI US 1999-392352 19990908 (9)
RLI Continuation-in-part of Ser. No. US 1999-263976, filed on 5 Mar 1999
PRAI US 1998-77164P 19980306 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Jones, Dameron L.
LREP Brobeck, Phleger & Harrison, LLP
CLMN Number of Claims: 183
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 9069
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Prodrugs of formula I, their uses, their intermediates, and their method
of manufacture are described: ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 12 OF 24 USPATFULL
AN 2000:160974 USPATFULL
TI Polyoxyalkylene surfactants
IN Cripe, Thomas Anthony, Loveland, OH, United States
Connor, Daniel Stedman, Cincinnati, OH, United States
Vinson, Phillip Kyle, Fairfield, OH, United States
Burckett-St. Laurent, James Charles Theophile Roger, Cincinnati, OH,
United States
Willman, Kenneth William, Fairfield, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 6153577 20001128
AI US 1999-426594 19991026 (9)
RLI Continuation of Ser. No. US 1998-170424, filed on 13 Oct 1998 which is a
continuation of Ser. No. WO 1997-US21160, filed on 19 Nov 1997
PRAI US 1996-31917P 19961126 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Gupta, Yogendra; Assistant Examiner: Ingersoll,
Christine
LREP Robinson, Ian S., Zerby, Kim William, Miller, Steven W.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1,14
DRWN No Drawings
LN.CNT 4455
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Mid-chain branched primary alkyl polyoxyalkylene surfactants useful in
laundry and cleaning compositions, especially granular and liquid
detergent compositions. These surfactants are also suitable for
formulation with other surfactants for the purpose of providing improved
surfactant systems, especially for use in detergent compositions which
will be used in laundry processes involving low **water**
temperature wash conditions. The present invention also relates to novel
mid-chain branched primary alkyl polyoxyalkylene surfactants suitable
for use in the surfactant mixtures.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 13 OF 24 USPATFULL
AN 2000:95155 USPATFULL
TI Polyoxyalkylene surfactants
IN Cripe, Thomas Anthony, Loveland, OH, United States
Connor, Daniel Stedman, Cincinnati, OH, United States
Vinson, Phillip Kyle, Fairfield, OH, United States
Burckett-St. Laurent, James Charles Theophile Roger, Cincinnati, OH,
United States
Willman, Kenneth William, Fairfield, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 6093856 20000725
AI US 1998-170424 19981013 (9)
RLI Continuation-in-part of Ser. No. WO 1997-US21160, filed on 19 Nov 1997
PRAI US 1996-31917P 19961126 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Gupta, Yogendra; Assistant Examiner: Ingersoll,
Christine E.
LREP Robinson, Ian S., Zerby, Kim William, Rasser, Jacobus C.
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 4235
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Mid-chain branched primary alkyl polyoxyalkylene surfactants useful in
laundry and cleaning compositions, especially granular and liquid
detergent compositions. These surfactants are also suitable for
formulation with other surfactants for the purpose of providing improved
surfactant systems, especially for use in detergent compositions which
will be used in laundry processes involving low **water**
temperature wash conditions. The present invention also relates to novel
mid-chain branched primary alkyl polyoxyalkylene surfactants suitable
for use in the surfactant mixtures.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 14 OF 24 USPATFULL
AN 2000:88138 USPATFULL
TI Liquid cleaning compositions containing selected mid-chain branched
surfactants
IN Vinson, Phillip Kyle, Fairfield, OH, United States
Foley, Peter Robert, Cincinnati, OH, United States
Cripe, Thomas Anthony, Loveland, OH, United States
Connor, Daniel Stedman, Cincinnati, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 6087309 20000711
AI US 1999-434181 19991104 (9)
RLI Division of Ser. No. US 1998-170426, filed on 13 Oct 1998 which is a
continuation of Ser. No. WO 1997-US6473, filed on 16 Apr 1997
PRAI US 1996-15521P 19960416 (60)
US 1996-15523P 19960416 (60)
US 1996-31762P 19961126 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Ogden, Necolus
LREP Robinson, Ian S., Zerby, Kim William, Rasser, Jacobus C.
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3842
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to a liquid cleaning composition comprising a surfactant system containing selected mid-chain branched surfactant and co-surfactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 15 OF 24 USPATFULL
AN 2000:40997 USPATFULL
TI Liquid cleaning compositions containing selected mid-chain branched surfactants
IN Vinson, Phillip Kyle, Fairfield, OH, United States
Foley, Peter Robert, Cincinnati, OH, United States
Cripe, Thomas Anthony, Loveland, OH, United States
Connor, Daniel Stedman, Cincinnati, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
PI US 6046152 20000404
AI US 1998-170425 19981013 (9)
RLI Continuation of Ser. No. WO 1997-US6473, filed on 16 Apr 1997
PRAI US 1996-15521P 19960416 (60)
US 1996-15523P 19960416 (60)
US 1996-31762P 19961126 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Gupta, Yogendra; Assistant Examiner: Webb, Gregory
LREP Robinson, Ian S., Zerby, Kim William
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3839
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to a liquid cleaning composition comprising a surfactant system containing selected mid-chain branched surfactant and co-surfactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 16 OF 24 USPATFULL
AN 90:73472 USPATFULL
TI Process for preparation of aloe products
IN McAnalley, Bill H., Grand Prairie, TX, United States
PA Carrington Laboratories Inc., Irving, TX, United States (U.S. corporation)
PI US 4957907 19900918
AI US 1989-301986 19890125 (7)
RLI Continuation of Ser. No. US 1988-144872, filed on 14 Jan 1988, now patented, Pat. No. US 4851224 which is a continuation-in-part of Ser. No. US 1986-869261, filed on 5 Jun 1986, now patented, Pat. No. US 4735935 which is a continuation-in-part of Ser. No. US 1985-810025, filed on 17 Dec 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-754859, filed on 14 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-750321, filed on 28 Jun 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-649967, filed on 12 Sep 1984, now abandoned which is a continuation of Ser. No. US 1982-375720, filed on 7 May 1982, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Rollins, John W.
LREP Hubbard, Thurman, Turner, Tucker & Harris
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 25 Drawing Figure(s); 13 Drawing Page(s)
LN.CNT 2713
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process is described for extracting a pharmaceutically active polysaccharidic substance from the aloe plant.

The pharmaceutically active polysaccharidic substance and its characteristic properties are described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 17 OF 24 USPATFULL
AN 89:60691 USPATFULL
TI Process for preparation of aloe products
IN McAnalley, Bill H., Grand Prairie, TX, United States
PA Carrington Laboratories, Inc., Irving, TX, United States (U.S. corporation)
PI US 4851224 19890725
AI US 1988-144872 19880114 (7)
RLI Continuation-in-part of Ser. No. US 1986-869261, filed on 5 Jun 1986, now patented, Pat. No. US 4735935 which is a continuation-in-part of Ser. No. US 1985-810025, filed on 17 Dec 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-754859, filed on 12 Jul 1985, now abandoned which is a continuation-in-part of Ser. No. US 1985-750321, filed on 28 Jun 1985, now abandoned which is a continuation-in-part of Ser. No. US 1984-649967, filed on 12 Sep 1984, now abandoned which is a continuation of Ser. No. US 1982-375720, filed on 7 May 1982, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Rollins, John W.
LREP Falk, Robert Hardy, Brown, Randall C.
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 25 Drawing Figure(s); 14 Drawing Page(s)
LN.CNT 2564
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A process is described for extracting a pharmaceutically active polysaccharidic substance from the aloe plant.

The pharmaceutically active polysaccharidic substance and its characteristic properties are described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 18 OF 24 USPATFULL
AN 83:57499 USPATFULL
TI Process of making films, fibers or other shaped articles consisting of, or containing, polyhydroxy polymers
IN Schweiger, Richard G., San Jose, CA, United States
PI US 4419316 19831206
AI US 1980-201806 19801029 (6)
RLI Continuation of Ser. No. US 1978-945252, filed on 25 Sep 1978, now abandoned which is a continuation of Ser. No. US 1977-794145, filed on 5 May 1977, now abandoned which is a division of Ser. No. US 1976-669483, filed on 23 Mar 1976, now patented, Pat. No. US 4035569 which is a continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 May 1970, now patented, Pat. No. US 3702943
DT Utility
FS Granted
EXNAM Primary Examiner: Levin, Stanford M.
LREP Beehler, Pavitt, Siegemund, Jagger & Martella
CLMN Number of Claims: 54
ECL Exemplary Claim: 1,2,43,47

DRWN No Drawings

LN.CNT 2007

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process of preparing film, fibers and other shaped articles by nitrosating a polyhydroxy polymer in a reaction medium containing a solubilizing agent for the resulting polyhydroxy polymer nitrite ester and a suitable proton acceptor, bringing the reaction mixture into the desired shape and regenerating and separating the polyhydroxy polymer by contact with a protic solvent in the presence of an acid catalyst. The polyhydroxy polymer may be a polyvinyl alcohol, **cellulose** or other polysaccharide, and mixtures thereof. Also dissolved in the reaction medium may be an organic solvent **soluble** polymer substantially lacking hydroxyl groups. If mixtures of polyhydroxy polymers or of polyhydroxy polymers lacking hydroxyl groups and organic solvent **soluble** polymers are employed the resulting films, fibers or other shaped articles consist of homogeneous and intimate mixtures of all the polymers originally present in solution. Solutions containing polyhydroxy polymer nitrite ester or a mixture of polyhydroxy polymer nitrite ester and organic solvent **soluble** polymer lacking hydroxyl groups in an anhydrous medium containing a highly polar aprotic solvent or a weak tertiary amine base or both are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 19 OF 24 USPATFULL

AN 80:63554 USPATFULL

TI Nitrite esters of polyhydroxy polymers

IN Schweiger, Richard G., 1324 Rimrock Dr., San Jose, CA, United States 95120

PI US 30459 19801223

US 4138535 19790206 (Original)

AI US 1979-33455 19790426 (6)

US 1977-788411 19770418 (Original)

RLI Division of Ser. No. US 1976-669483, filed on 23 Mar 1976, now patented, Pat. No. US 4035569 which is a continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 May 1970, now patented, Pat. No. US 3702843

DT Reissue

FS Granted

EXNAM Primary Examiner: Levin, Stanford M.

LREP Smyth, Pavitt, Siegemund, Jones & Martella

CLMN Number of Claims: 21

ECL Exemplary Claim: 21

DRWN No Drawings

LN.CNT 1762

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polysaccharide or polyvinyl alcohol containing a mixture of nitrite ester groups with **sulfate** or nitrate ester groups with the mixture of ester groups being substantially uniformly distributed among the polymer units of the polysaccharide or polyvinyl alcohol.

A nitrite ester of a polysaccharide alcohol having a **degree** of substitution of less than about 2.0. A nitrite ester of polyvinyl alcohol having a **degree** of substitution of 1.0 or less.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 20 OF 24 USPATFULL

AN 79:48765 USPATFULL

TI Process for preparing a **sulfate** ester of a polyhydroxy polymer

IN Schweiger, Richard G., 1324 Rimrock Dr., San Jose, CA, United States 95120

PI US 4177345 19791204
AI US 1978-934818 19780818 (5)
DCD 19891114
RLI Continuation of Ser. No. US 1977-786209, filed on 11 Apr 1977, now patented, Pat. No. US 4143226, issued on 6 Mar 1979 which is a division of Ser. No. US 1976-669483, filed on 23 Mar 1976, now patented, Pat. No. US 4035569, issued on 12 Jul 1977 which is a continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 May 1970, now patented, Pat. No. US 3702843, issued on 14 Nov 1972
DT Utility
FS Granted
EXNAM Primary Examiner: Griffin, Ronald W.
LREP Smyth, Pavitt, Siegemund, Jones & Martella
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1780

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing a **sulfate** ester of a polyhydroxy polymer which is a partially substituted polysaccharide or a polyvinyl alcohol which contains ether groups, ester groups other than **sulfate**, or a mixture of ether groups and ester groups other than **sulfate**. A nitrite ester of the partially substituted polymer is reacted with sulfur trioxide or a complex thereof to obtain a mixed nitrite:**sulfate** ester which is then reacted with a protic solvent to remove residual nitrite ester groups.

A process for preparing a substantially uniformly substituted colloidal **cellulose sulfate** having a **degree** of substitution of about 1.1 to 2.0. A nitrite ester of **cellulose** having a **degree** of substitution less than about 2 is reacted with sulfur trioxide or a complex thereof to obtain a mixed nitrite: **sulfate** ester which is reacted with a protic solvent to remove residual nitrite ester groups.

A process for preparing a substantially uniformly substituted **cellulose sulfate** having a **degree** of substitution ranging up to about 1.1. A nitrite ester of **cellulose** having a **degree** of substitution of about 2 to below about 3 is reacted with sulfur trioxide or a complex thereof to obtain a mixed nitrite: **sulfate** ester which is then reacted with a protic solvent to remove residual nitrite ester groups.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 21 OF 24 USPATFULL
AN 79:11972 USPATFULL
TI Process for preparing a **sulfate** ester of a polyhydroxy polymer
IN Schweiger, Richard G., 1324 Rimrock Dr., San Jose, CA, United States
95120
PI US 4143226 19790306
AI US 1977-786209 19770411 (5)
RLI Division of Ser. No. US 1976-669483, filed on 23 Mar 1976, now patented, Pat. No. US 4035569 which is a continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 May 1970, now patented, Pat. No. US 3702843
DT Utility
FS Granted
EXNAM Primary Examiner: Levin, Stanford M.

LREP Smyth, Pavitt, Siegemund, Jones & Martella
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1791

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing a **cellulose sulfate** ester by reacting a hydrated **cellulose** containing about 4 to about 12 percent by weight of **water** with dinitrogen tetroxide or nitrosyl chloride in the presence of a proton acceptor and a reaction solvent which is a swelling or solubilizing agent for a reaction product. Alternatively, the **cellulose** reactant may contain less than about 4 percent by weight of **water** by washing hydrated **cellulose** containing in excess of 4 percent of **water** with a highly polar aprotic solvent to reduce the **water** content.

A process for simultaneously preparing a **sulfate** ester of **cellulose** and an alkyl nitrite by reacting a nitrite ester of **cellulose** with sulfur trioxide or a complex thereof to obtain a mixed nitrite:**sulfate** ester which is reacted with an organic alcohol containing up to about 10 carbon atoms.

A process for simultaneously preparing a **sulfate** ester of **cellulose** and a mixture of an organic nitrite and an inorganic nitrate by reacting a **cellulose** nitrite ester with sulfur trioxide or a complex thereof to obtain a mixed nitrite:**sulfate** ester in the presence of dinitrogen tetroxide with **water** then being added and neutralizing by addition of a base.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 22 OF 24 USPATFULL
AN 79:10419 USPATFULL
TI **Cellulose sulfate** esters
IN Schweiger, Richard G., 1324 Rimrock Dr., San Jose, CA, United States 95120
PI US 4141746 19790227
AI US 1977-786225 19770411 (5)
RLI Division of Ser. No. US 1976-669483, filed on 23 Mar 1976, now patented, Pat. No. US 4035569 which is a continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 May 1970, now patented, Pat. No. US 3702843

DT Utility
FS Granted
EXNAM Primary Examiner: Levin, Stanford M.
LREP Smyth, Pavitt, Siegemund, Jones & Martella
CLMN Number of Claims: 12
ECL Exemplary Claim: 1,2,5,9
DRWN No Drawings
LN.CNT 1822

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **water-soluble sulfate** ester of **cellulose** having a **degree** of substitution of about 0.3 to about 1.0 with a substantially uniform distribution of **sulfate** ester groups among the polymer units of the **cellulose**. A thickened **aqueous** medium containing **water** and said **water-soluble sulfate** ester of **cellulose** having a **degree** of substitution of about 0.3 to about 1.0.

A **water-insoluble sulfate** ester of **cellulose**

which is highly swellable in the presence of **water** and has a **degree** of substitution of up to about 0.3 with the **sulfate** ester groups being substantially uniformly distributed among the polymer units of the **cellulose**.

A **water-soluble** colloidal **cellulose** **sulfate** ester having a **degree** of substitution of about 1.3 to about 2 with the **sulfate** ester groups being substantially uniformly distributed among the polymer units of the **cellulose**. A thickened **aqueous** medium containing **water** and said **water-soluble** **cellulose sulfate** ester having a **degree** of substitution of about 1.3 to about 2.0.

A **water-soluble** colloidal **cellulose** **sulfate** ester having a **degree** of substitution of about 1.0 to about 1.3 with the **sulfate** ester groups being substantially uniformly distributed among the polymer units of the **cellulose**. A thickened **aqueous** medium containing **water** and said **water-soluble sulfate** ester having a **degree** of substitution of about 1.0 to about 1.3.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 23 OF 24 USPATFULL
AN 79:7002 USPATFULL
TI Nitrite esters of polyhydroxy polymers
IN Schweiger, Richard G., 1324 Rimrock Dr., San Jose, CA, United States
95120
PI US 4138535 19790206
AI US 1977-788411 19770418 (5)
RLI Division of Ser. No. US 1976-669483, filed on 23 Mar 1976, now patented, Pat. No. US 4035569 which is a continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 May 1970, now patented, Pat. No. US 3702843

DT Utility
FS Granted

EXNAM Primary Examiner: Levin, Stanford M.
LREP Smyth, Pavitt, Siegemund, Jones & Martella
CLMN Number of Claims: 20
ECL Exemplary Claim: 1,12,13,14
DRWN No Drawings
LN.CNT 1760

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A polysaccharide or polyvinyl alcohol containing a mixture of nitrite ester groups with **sulfate** or nitrate ester groups with the mixture of ester groups being substantially uniformly distributed among the polymer units of the polysaccharide or polyvinyl alcohol.

A nitrite ester of a polysaccharide alcohol having a **degree** of substitution of less than about 2.0. A nitrite ester of polyvinyl alcohol having a **degree** of substitution of 1.0 or less.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 24 OF 24 USPATFULL
AN 77:69527 USPATFULL
TI Preparation of **cellulose** nitrite
IN Schweiger, Richard G., 161 Viewpoint Circle, Ventura, CA, United States
93003
PI US 4035569 19770712

AI US 1976-669483 19760323 (5)
RLI Continuation of Ser. No. US 1974-487196, filed on 10 Jul 1974, now abandoned which is a continuation-in-part of Ser. No. US 1972-298580, filed on 18 Oct 1972, now abandoned which is a continuation-in-part of Ser. No. US 1970-40442, filed on 25 Mar 1970, now patented, Pat. No. US 3702843
PRAI CA 1972-143874 19720605
DE 1971-2120964 19710428
DE 1971-2120964 19711230
DT Utility
FS Granted
EXNAM Primary Examiner: Levin, Stanford M.
LREP Jones, Thomas H.
CLMN Number of Claims: 10
ECL Exemplary Claim: 1,10
DRWN No Drawings
LN.CNT 1733
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Preparation of partially substituted nitrate and **sulfate** esters of polysaccharides or polyvinylalcohol, their esters containing a mixture of nitrite with **sulfate** or nitrate groups, **aqueous** media thickened with such esters, the simultaneous preparation of such esters and alkyl nitrites or such esters and inorganic nitrites or nitrates and resulting products, useful as thickeners, films, fibers and in many other applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPIINDEX, WTEXTILES' ENTERED AT 16:03:57 ON 20 NOV 2002

L1 730826 S CELLULOSE
L2 209207 S L1 AND ACETATE
L3 62238 S L2 AND SULFATE
L4 31389 S L3 AND ACETIC
L5 16793 S L4 AND ANHYDRIDE
L6 10161 S L5 AND SULFURIC
L7 5540 S L6 AND SOLUBLE
L8 5537 S L7 AND (WATER OR AQUEOUS OR HYDRO)
L9 1964 S L8 AND (SUSPENDING OR SOAKING)
L10 24 S L9 AND (SULFATION AND ACETYLATION AND DEGREE)

=> s l10 and (gel and thixotropic and thermoreversible)
L11 0 L10 AND (GEL AND THIXOTROPIC AND THERMOREVERSIBLE)

=> s l10 and (pH and maintain or monitor)
L12 24 L10 AND (PH AND MAINTAIN OR MONITOR)

=> file chemistry
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 129.20 129.41

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=> dis hist

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L1 730826 S CELLULOSE
L2 209207 S L1 AND ACETATE
L3 62238 S L2 AND SULFATE
L4 31389 S L3 AND ACETIC
L5 16793 S L4 AND ANHYDRIDE
L6 10161 S L5 AND SULFURIC
L7 5540 S L6 AND SOLUBLE
L8 5537 S L7 AND (WATER OR AQUEOUS OR HYDRO)
L9 1964 S L8 AND (SUSPENDING OR SOAKING)
L10 24 S L9 AND (SULFATION AND ACETYLATION AND DEGREE)
L11 0 S L10 AND (GEL AND THIXOTROPIC AND THERMOREVERSIBLE)
L12 24 S L10 AND (PH AND MAINTAIN OR MONITOR)

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, ...' ENTERED AT 16:12:56 ON 20 NOV 2002

=> s l10
11 FILES SEARCHED...
21 FILES SEARCHED...
28 FILES SEARCHED...
39 FILES SEARCHED...
L13 0 L10

=> dis hist

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FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, EMA, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPINDEX, WTEXTILES' ENTERED AT 16:03:57 ON 20 NOV 2002

L1 730826 S CELLULOSE
L2 209207 S L1 AND ACETATE

L3 62238 S L2 AND SULFATE
L4 31389 S L3 AND ACETIC
L5 16793 S L4 AND ANHYDRIDE
L6 10161 S L5 AND SULFURIC
L7 5540 S L6 AND SOLUBLE
L8 5537 S L7 AND (WATER OR AQUEOUS OR HYDRO)
L9 1964 S L8 AND (SUSPENDING OR SOAKING)
L10 24 S L9 AND (SULFATION AND ACETYLATION AND DEGREE)
L11 0 S L10 AND (GEL AND THIXOTROPIC AND THERMOREVERSIBLE)
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L13 0 S L10

=> file polymers
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE	FILE	TOTAL
ENTRY		SESSION
	92.99	222.40

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=> s 12 and sulphate
L14 14199 L2 AND SULPHATE

=> s 114 and 14 and 15
L15 1802 L14 AND L4 AND L5

=> s 115 and sulphuric
L16 351 L15 AND SULPHURIC

=> s 116 and 17 and 18 and 19
L17 25 L16 AND L7 AND L8 AND L9

=> s 117 and 110
L18 0 L17 AND L10

=> s 117 and 111 and 112
L19 0 L17 AND L11 AND L12

=> dis 117 1-25 bib abs

L17 ANSWER 1 OF 25 USPATFULL
AN 2002:280635 USPATFULL
TI Pyrazolopyrimidines as therapeutic agents
IN Hirst, Gavin C., Marlborough, MA, UNITED STATES
Rafferty, Paul, Westborough, MA, UNITED STATES
Ritter, Kurt, Newton, GERMANY, FEDERAL REPUBLIC OF
Calderwood, David, Framingham, UNITED KINGDOM
Wishart, Neil, Jefferson, MA, UNITED STATES
Arnold, Lee D., Westborough, CANADA
Friedman, Michael M., Newton, MA, UNITED STATES
PA Abbott Laboratories, Abbott Park, IL, UNITED STATES (U.S. corporation)
PI US 2002156081 A1 20021024
AI US 2001-815310 A1 20010322 (9)
RLI Continuation-in-part of Ser. No. US 2000-663780, filed on 15 Sep 2000,
PENDING
PRAI US 1999-154620P 19990917 (60)
DT Utility
FS APPLICATION

LREP LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109

CLMN Number of Claims: 138

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 30126

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides compounds of Formula I, ##STR1##

including pharmaceutically acceptable salts and/or prodrugs thereof, where G, R.sub.2, and R.sub.3 are defined as described herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 2 OF 25 USPATFULL

AN 2002:221039 USPATFULL

TI Compositions useful for regulating hair growth containing metal complexes of oxidized carbohydrates

IN Gardlik, John Michael, Cincinnati, OH, UNITED STATES
Severynse-Stevens, Diana, Yardley, PA, UNITED STATES
Comstock, Bryan Gabriel, Mason, OH, UNITED STATES

PI US 2002119174 A1 20020829

AI US 2001-909440 A1 20010719 (9)

PRAI US 2000-220756P 20000726 (60)

DT Utility

FS APPLICATION

LREP THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, SHARON WOODS TECHNICAL CENTER, 11511 REED HARTMAN HIGHWAY, CINCINNATI, OH, 45241

CLMN Number of Claims: 50

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3342

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A stable cosmetic, dermatological, or pharmaceutical composition comprising: (a) from about 0.001% to about 99.9%, by weight, of at least one metal complex of an oxidized carbohydrate; wherein the metal complex of an oxidized carbohydrate is neither zinc gluconate nor manganese gluconate nor lithium gluconate; and (b) from about 0.1% to about 99.999%, by weight, of a vehicle, wherein the vehicle comprises at least about 5%, by weight of the composition, of propylene glycol.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 3 OF 25 USPATFULL

AN 2002:61235 USPATFULL

TI Method of regulating hair growth using metal complexes of oxidized carbohydrates

IN Gardlik, John Michael, Cincinnati, OH, UNITED STATES
Severynse-Stevens, Diana, Yardley, PA, UNITED STATES
Comstock, Bryan Gabriel, Mason, OH, UNITED STATES

PA The Procter & Gamble Company (U.S. corporation)

PI US 2002035070 A1 20020321

AI US 2001-909441 A1 20010719 (9)

PRAI US 2000-220755P 20000726 (60)

DT Utility

FS APPLICATION

LREP Brent M. Peebles, The Procter & Gamble Company, Sharon Woods Technical Center, 11511 Reed Hartman Highway, Cincinnati, OH, 45241

CLMN Number of Claims: 44

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3276

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for regulating the growth of hair comprising administering to a mammal, an effective amount of a composition comprising: (a) from about

0.001% to about 99.9%, by weight, of at least one metal complex of an oxidized carbohydrate, wherein the metal complex of an oxidized carbohydrate is neither zinc gluconate nor manganese gluconate; and (b) from about 0.1% to about 99.999%, by weight, of a vehicle.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 4 OF 25 USPATFULL
AN 2002:22491 USPATFULL
TI Compositions and methods for treating female sexual dysfunction
IN Lee, Andrew G., Old Lyme, CT, UNITED STATES
Thompson, David D., Gales Ferry, CT, UNITED STATES
Day, Wesley W., Old Lyme, CT, UNITED STATES
PI US 2002013327 A1 20020131
AI US 2001-833169 A1 20010411 (9)
PRAI US 2000-266387P 20000418 (60)
DT Utility
FS APPLICATION
LREP Gregg C. Benson, Pfizer Inc., Patent Department, MS 4159, Eastern Point
Road, Groton, CT, 06340
CLMN Number of Claims: 39
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 2652

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to methods, pharmaceutical compositions and kits useful in treating female sexual dysfunction and the use of an estrogen agonist/antagonist for the manufacture of a medicament for the treatment of female sexual dysfunction. The compositions are comprised of an estrogen agonist/antagonist as a first active ingredient and a cyclic guanosine 3',5'-monophosphate elevator as a second active component and a pharmaceutically acceptable vehicle, carrier or diluent. The compositions and methods of treatment are effective while substantially reducing the concomitant liability of adverse effects associated with estrogen administration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 5 OF 25 USPATFULL
AN 2001:212438 USPATFULL
TI Compositions and methods of treatment for conditions responsive to testosterone elevation
IN Lee, Andrew G., Old Lyme, CT, United States
Day, Wesley W., Old Lyme, CT, United States
Thompson, David D., Gales Ferry, CT, United States
PI US 2001044434 A1 20011122
AI US 2001-757423 A1 20010110 (9)
PRAI US 2000-175704P 20000112 (60)
DT Utility
FS APPLICATION
LREP Gregg C. Benson, Pfizer Inc., Patent Department, MS 4159, Eastern Point
Road, Groton, CT, 06340
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2192

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to methods and pharmaceutical compositions useful in the treatment of conditions that are responsive to the elevation of testosterone levels in the body and the use of estrogen agonists/antagonists for the manufacture of medicaments for the treatment of conditions that are responsive to the elevation of testosterone levels in the body. The compositions are comprised of an estrogen agonist/antagonist and a pharmaceutically acceptable vehicle,

carrier or diluent. These compositions are effective in treating male subject sexual dysfunction and timidity in female subjects including post-menopausal women and are effective in increasing libido in female subjects including post-menopausal women. In the case of male subject sexual dysfunction, the compositions may also include a compound which is an elevator of cyclic guanosine 3',5'-monophosphate (cGMP). Additionally, the compositions are effective in other conditions whose etiology is a result of testosterone deficiency or which can be ameliorated by increasing testosterone levels within the body. Methods of the invention include the treatment of conditions that are responsive to elevation of testosterone levels such as treating male subject sexual dysfunction and timidity in female subjects including post-menopausal women and the increase of libido of female subjects including post-menopausal women. The methods of treatment are effective while substantially reducing the concomitant liability of adverse effects associated with testosterone administration.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 25 USPATFULL
AN 2001:97947 USPATFULL
TI Therapeutic biaryl derivatives
IN Donaldson, Kelly Horne, Durham, NC, United States
Shearer, Barry George, Apex, NC, United States
Uehling, David Edward, Durham, NC, United States
PA Glaxo Wellcome Inc., Research Triangle Park, NC, United States (U.S.
corporation)
PI US 6251925 B1 20010626
WO 9965877 19991223
AI US 2000-719595 20001213 (9)
WO 1999-EP3958 19990609
20001213 PCT 371 date
20001213 PCT 102(e) date
PRAI GB 1998-12709 19980613
DT Utility
FS GRANTED
EXNAM Primary Examiner: Dentz, Bernard
LREP Brink, Robert H.
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1999
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to therapeutic biaryl derivatives of
formula (I), and pharmaceutically acceptable derivatives thereof
##STR1##

wherein R.¹ is a phenyl, naphthyl, pyridyl, thiazolyl,
phenoxyethyl, or pyrimidyl group, optionally substituted by one or more
substituents selected from the group consisting of halogen, hydroxy,
C.₁₋₆ alkoxy, C.₁₋₆ alkyl, nitro, cyano, hydroxymethyl,
trifluoromethyl, --NR.₆ R.₆, and --NHSO.₂ R.₆, where
each R.₆ is independently hydrogen or C.₁₋₄ alkyl; R.₂ is
hydrogen or C.₁₋₆ alkyl; X is oxygen, sulfur, --NH, or --NC.₁₋₄
alkyl; R.₃ is cyano, tetrazol-5-yl, or --CO.₂ R.₇ where
R.₇ is hydrogen or C.₁₋₆ alkyl; R.₄ and R.₅ are
independently hydrogen, C.₁₋₆ alkyl, --CO.₂ H, --CO.₂
C.₁₋₆ alkyl, cyano, tetrazol-5-yl, halogen, trifluoromethyl, or
C.₁₋₆ alkoxy, or, when R.₄ and R.₅ are bonded to adjacent
carbon atoms, R.₄ and R.₅ may, together with the carbon atoms to
which they are bonded, form a fused 5 or 6 membered ring optionally
containing one or two nitrogen, oxygen, or sulfur atoms; and Y is N or
CH, to processes for their preparation and their use in the treatment of
diseases susceptible to amelioration by treatment with a beta-3

adrenoceptor agonist.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 7 OF 25 USPATFULL
AN 2000:98567 USPATFULL
TI Oxoazepine derivatives
IN Dezube, Milana, Chapel Hill, NC, United States
Hirst, Gavin Charles, Marlboro, MA, United States
Sherrill, Ronald George, Cary, NC, United States
Sugg, Elizabeth Ellen, Durham, NC, United States
Szewczyk, Jerzy Ryszard, Chapel Hill, NC, United States
Willson, Timothy Mark, Durham, NC, United States
PA Glaxo Wellcome Inc., Research Triangle Park, NC, United States (U.S.
corporation)
PI US 6096885 20000801
WO 9611940 19960425
AI US 1997-817363 19970414 (8)
WO 1995-EP4026 19951012
19990408 PCT 371 date
19990408 PCT 102(e) date
PRAI GB 1994-20763 19941014
DT Utility
FS Granted
EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: Oazi, Sabiha N.
LREP Brink, Robert H.
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3221

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to novel oxoazepine derivatives of Formula (I),
R.sup.1 R.sup.2 NCOCH.sub.2 N(R.sup.3)COR.sup.4 (I)

to processes for their preparation, to pharmaceutical compositions containing them and to their use in medicine. More particularly, it relates to compounds which exhibit agonist activity for CCK-A receptors thereby enabling them to modulate the hormones gastrin and cholecystokinin (CCK) in mammals.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 8 OF 25 USPATFULL
AN 2000:57763 USPATFULL
TI Spiro-piperidine derivatives and their use as tachykinin antagonists
IN Baker, Raymond, Uley, United Kingdom
Harrison, Timothy, Great Dunmow, United Kingdom
Swain, Christopher John, Duxford, United Kingdom
Williams, Brian John, Great Dunmow, United Kingdom
PA Merck Sharp & Dohme Ltd., Hoddesdon, United Kingdom (non-U.S.
corporation)
PI US 6060469 20000509
WO 9719084 19970529
AI US 1998-77063 19980518 (9)
WO 1996-GB2853 19961120
19980518 PCT 371 date
19980518 PCT 102(e) date
PRAI GB 1995-23944 19951123
GB 1995-26093 19951220
GB 1996-3239 19960216
DT Utility
FS Granted
EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Kessinger, Ann M.

LREP Thies, J. Eric, Rose, David L.
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 4100

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compounds of formula (I), ##STR1## wherein R.sup.1 represents halogen, hydroxy, C.sub.1-6 alkyl group optionally substituted by one or three fluorine atoms, C.sub.1-6 alkoxy group optionally substituted by one to three fluorine atoms, or C.sub.1-6 alkylthio optionally substituted by one to three fluorine atoms; R.sup.2 represents hydrogen, halogen, C.sub.1-6 alkyl or C.sub.1-6 alkoxy; or when R.sup.2 is adjacent to R.sup.1, they may be joined together such that there is formed a 5- or 6-membered saturated or unsaturated ring containing one or two oxygen atoms; R.sup.3 represents an optionally substituted 5- or 6-membered aromatic heterocyclic group containing 1, 2, 3 or 4 heteroatoms, selected from nitrogen, oxygen and sulphur; m is 0-3 and n is 0-3, with the proviso that the sum total of m+n is 2 or 3; p is zero or 1; q is 1 or 2; and when m is 1 and n is 1 or 2, the broken line represents an optional double bond; R.sup.4, R.sup.5, R.sup.6, R.sup.9 and R.sup.10 are a variety of substituents defined in the specification; or a pharmaceutically acceptable salt thereof. The compounds are of particular use in the treatment or prevention of pain, inflammation, emesis and postherpetic neuralgia.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 9 OF 25 USPATFULL
AN 1999:40596 USPATFULL
TI Oxoazepine derivatives
IN Dezube, Milana, Chapel Hill, NC, United States
Hirst, Gavin Charles, Marlboro, MA, United States
Sherrill, Ronald George, Cary, NC, United States
Sugg, Elizabeth Ellen, Durham, NC, United States
Szewczyk, Jerzy Ryszard, Chapel Hill, NC, United States
Willson, Timothy Mark, Durham, NC, United States
PA Glaxo Wellcome Inc., Research Triangle Park, NC, United States (U.S. corporation)
PI US 5889182 19990330
WO 9611940 19960425
AI US 1997-817363 19970414 (8)
WO 1995-EP4026 19951012
19970414 PCT 371 date
19970414 PCT 102(e) date
PRAI GB 1994-20763 19941014
DT Utility
FS Granted

EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: Qazi, Sabiha N.
LREP Smith, Gardiner F. H., Brink, Robert H., Makujina, Shah R.

CLMN Number of Claims: 8

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3227

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to novel oxoazepine derivatives of Formula (I),

R.sup.1 R.sup.2 NCOCH.sub.2 N(R.sup.3)COR.sup.4 (I)

to processes for their preparation, to pharmaceutical compositions containing them and to their use in medicine. More particularly, it relates to compounds which exhibit agonist activity for CCK-A receptors thereby enabling them to modulate the hormones gastrin and cholecystokinin (CCK) in mammals.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 10 OF 25 USPATFULL
AN 1998:150968 USPATFULL
TI Piperidine derivatives
IN Armour, Duncan Robert, Stevenage, Great Britain
Evans, Brian, Stevenage, Great Britain
Middlemiss, David, Stevenage, Great Britain
Hubbard, Tania, Fulbourn, Great Britain
Hann, Michael Menteith, Stevenage, Great Britain
Lewell, Xiao-Qing, Stevenage, Great Britain
Watson, Stephen Paul, Stevenage, Great Britain
Naylor, Alan, Stevenage, Great Britain
Pegg, Neil Anthony, Stevenage, Great Britain
Vinader, Maria Victoria, Stevenage, Great Britain
Giblin, Gerard Martin Paul, Stevenage, Great Britain
PA Glaxo Group Limited, Greenford, Middlesex, United Kingdom (non-U.S.
corporation)
PI US 5843966 19981201
AI US 1997-899190 19970723 (8)
RLI Continuation of Ser. No. US 1996-612843, filed on 21 Mar 1996, now
patented, Pat. No. US 5703240
PRAI GB 1993-19606 19930922
GB 1993-26583 19931231
DT Utility
FS Granted
EXNAM Primary Examiner: Rotam, Alan L.; Assistant Examiner: Aulakm, Charansit
S.
LREP Bacon & Thomas, PLLC
CLMN Number of Claims: 21
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2505

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to piperidine derivatives of formula (I)
##STR1## wherein R.¹ is a C._{sub.1-4} alkoxy group; R.² is
##STR2## R.³ is a hydrogen or halogen atom; R.⁴ and R.⁵ may
each independently represent a hydrogen or halogen atom, or a C._{sub.1-4}
alkyl, C._{sub.1-4} alkoxy or trifluoromethyl group;

R.⁶ is a hydrogen atom, a C._{sub.1-4} alkyl, (CH._{sub.2})._{sub.m}
cyclopropyl, --S(O)._{sub.n} C._{sub.1-4} alkyl, phenyl, NR.⁷ R.₈,
CH._{sub.2} C(O)CF._{sub.3} or trifluoromethyl group;

R.⁷ and R.⁸ may each independently represent a hydrogen atom, or
a C._{sub.1-4} alkyl or acyl group;

x represents zero or 1;

n represents zero, 1 or 2;

m represents zero or 1;

and pharmaceutically acceptable salts and solvates thereof; to processes
for their preparation; and their use in the treatment of conditions
mediated by tachykinins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 11 OF 25 USPATFULL
AN 97:123370 USPATFULL
TI Piperidine derivatives
IN Armour, Duncan Robert, Stevenage, Great Britain

Evans, Brian, Stevenage, Great Britain
Middlemiss, David, Stevenage, Great Britain
Naylor, Alan, Stevenage, Great Britain
Pegg, Neil Anthony, Stevenage, Great Britain
Vinader, Maria Victoria, Stevenage, Great Britain
Giblin, Gerard Martin Paul, Stevenage, Great Britain
Hubbard, Tania, Fulbourn, Great Britain
Hann, Michael Menteith, Stevenage, Great Britain
Lewell, Xiao-Qing, Stevenage, Great Britain
Watson, Stephen Paul, Stevenage, Great Britain
PA Glaxo Group Limited, London, England (non-U.S. corporation)
PI US 5703240 19971230
WO 9508549 19950330
AI US 1996-612843 19960321 (8)
WO 1994-EP3129 19940920
19960321 PCT 371 date
19960321 PCT 102(e) date
PRAI GB 1993-19606 19930922
GB 1993-26583 19931231
DT Utility
FS Granted
EXNAM Primary Examiner: Ivy, C. Warren; Assistant Examiner: Awlakm, Charanjit S.
LREP Bacon & Thomas
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2494
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to piperidine derivatives of formula (I)
##STR1## wherein R.¹ is a C.₁₋₄ alkoxy group; R.² is
##STR2## R.³ is a hydrogen or halogen atom; R.⁴ and R.⁵ may
each independently represent a hydrogen or halogen atom, or a
C.₁₋₄ alkyl, C.₁₋₄ alkoxy or trifluoromethyl group;
R.⁶ is a hydrogen atom, a C.₁₋₄ alkyl, (CH.₂)._m
cyclopropyl, --S(O)._n C.₁₋₄ alkyl, phenyl,
NR.⁷ R.⁸, CH.₂ C(O)CF.₃ or trifluoromethyl group;
R.⁷ and R.⁸ may each independently represent a hydrogen atom, or
a C.₁₋₄ alkyl or acyl group;
x represents zero or 1;
n represents zero, 1 or 2;
m represents zero or 1;
and pharmaceutically acceptable salts and solvates thereof; to processes
for their preparation; and their use in the treatment of conditions
mediated by tachykinins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 12 OF 25 USPATFULL
AN 93:33687 USPATFULL
TI 4-amino-2-cyclopentene-1-methanol
IN Daluge, Susan M., Chapel Hill, NC, United States
PA Burroughs Wellcome Co., Research Triangle Park, NC, United States (U.S.
corporation)
PI US 5206435 19930427
AI US 1991-767134 19910927 (7)

RLI Division of Ser. No. US 1990-630129, filed on 19 Dec 1990, now patented, Pat. No. US 5087697 which is a continuation-in-part of Ser. No. US 1989-455201, filed on 22 Dec 1989, now patented, Pat. No. US 5034394 which is a continuation-in-part of Ser. No. US 1989-371870, filed on 26 Jun 1989, now abandoned

PRAI GB 1988-15265 19880627

DT Utility

FS Granted

EXNAM Primary Examiner: Tsang, Cecilia

LREP Brown, Donald, Nielsen, Lawrence A., Green, Hannah O.

CLMN Number of Claims: 4

ECL Exemplary Claim: 1,4

DRWN No Drawings

LN.CNT 1592

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to 6-substituted purine carbocyclic nucleosides and their use in medical therapy particularly in the treatment of HIV and HBV infections. The invention also relates to pharmaceutical formulations and processes for the preparation of compounds according to the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 13 OF 25 USPATFULL

AN 92:82898 USPATFULL

TI 3'-Azido nucleoside compound

IN Rideout, Janet L., Raleigh, NC, United States

Freeman, George A., Raleigh, NC, United States

Short, Steven A., Cary, NC, United States

Almond, Merrick R., Apex, NC, United States

Collins, Jon L., Bloomington, IN, United States

PA Burroughs Wellcome Co., NC, United States (U.S. corporation)

PI US 5153318 19921006

AI US 1990-591916 19901002 (7)

PRAI GB 1989-22285 19891003

GB 1990-16775 19900731

DT Utility

FS Granted

EXNAM Primary Examiner: Brown, Johnnie R.; Assistant Examiner: Wilson, J. Oliver

LREP Brown, Donald, Green, Hannah O., Nielsen, Lawrence A.

CLMN Number of Claims: 2

ECL Exemplary Claim: 1,2

DRWN No Drawings

LN.CNT 2157

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to 3'-azido purine nucleosides and their use in medical therapy, particularly for the treatment of human immunodeficiency virus and hepatitis B virus infections, to methods for their preparation and to compositions containing them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 14 OF 25 USPATFULL

AN 92:10941 USPATFULL

TI Therapeutic nucleosides

IN Daluge, Susan M., Chapel Hill, NC, United States

PA Burroughs Wellcome Co., Research Triangle Park, NC, United States (U.S. corporation)

PI US 5087697 19920211

AI US 1990-630129 19901219 (7)

RLI Continuation-in-part of Ser. No. US 1989-455201, filed on 22 Dec 1989 which is a continuation-in-part of Ser. No. US 1989-371870, filed on 26 Jun 1989, now abandoned

PRAI GB 1988-15265 19880627
DT Utility
FS Granted
EXNAM Primary Examiner: Shen, Cecilia
LREP Brown, Donald, Nielsen, Lawrence A., Green, Hannah O.
CLMN Number of Claims: 9
ECL Exemplary Claim: 1,9
DRWN No Drawings
LN.CNT 1607

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to 6-substituted purine carbocyclic nucleosides and their use in medical therapy particularly in the treatment of HIV and HBV infections. The invention also relates to pharmaceutical formulations and processes for the preparation of compounds according to the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 15 OF 25 USPATFULL
AN 90:42165 USPATFULL
TI Herbicidal sulfonomides
IN Watson, Keith G., Blackburn, Australia
Drygala, Peter, Niddrie, Australia
Bell, Stephen, Vale, Australia
PA ICI Australia Operations Proprietary Limited, Melbourne, Australia
(non-U.S. corporation)
PI US 4929269 19900529
AI US 1988-259762 19881019 (7)
PRAI AU 1987-4989 19871020
DT Utility
FS Granted
EXNAM Primary Examiner: Ford, John M.
LREP Cushman, Darby & Cushman
CLMN Number of Claims: 10
ECL Exemplary Claim: 1,6
DRWN No Drawings
LN.CNT 1490

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds of the formula ##STR1## and salts thereof, W and W, being independently O and S, A being a nitrogen-containing heterocyclic ring system, E being O, S(O)_m or NR₁R₂ where m is 0-2, R₁ and R₂ and R₃ is hydrogen, C₁-C₄ alkyl or C₁-C₄ alkenyl or alkynyl and E₁ being hydrogen, halogen or one of a variety of organic substituents.

The compounds are effective herbicides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 16 OF 25 USPATFULL
AN 85:76877 USPATFULL
TI Trans-DELTA..sup.2 -prostaglandin D derivatives, process for their preparation and compositions containing them
IN Wakatsuka, Hirohisa, Takatsuki, Japan
Yamato, Takashi, Takatsuki, Japan
Hashimoto, Shinsuke, Ibaraki, Japan
PA Ono Pharmaceutical Co., Ltd., Osaka, Japan (non-U.S. corporation)
PI US 4562204 19851231
AI US 1983-508560 19830628 (6)
PRAI JP 1982-112756 19820630
DT Utility
FS Granted
EXNAM Primary Examiner: Gerstl, Robert
LREP Stevens, Davis, Miller & Mosher

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1705

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Trans-.DELTA..sup.2 -prostaglandin D derivatives of the formula: ##STR1## wherein [A] is a group of the formula: ##STR2## X is ethylene or cis-vinylene, C.sub.13 -C.sub.14 -C.sub.15 is: (i) a group of the formula: ##STR3## when [A] is a group of the formula (II) or (III), or (ii) a group of the formula: ##STR4## when [A] is a group of the formula (IV), R is hydrogen or alkyl, R.sup.1 is a single bond or alkylene, R.sup.2 is alkyl, cycloalkyl, phenyl or phenoxy, the double bonds between C.sub.2 -C.sub.3 and between C.sub.13 -C.sub.14 are both E, the double bond between C.sub.9 -C.sub.10 is Z and the double bonds between C.sub.12 -C.sub.13 and between C.sub.14 -C.sub.15 are E, Z or a mixture thereof, provided that when R.sup.1 is a single bond, R.sup.2 does not represent a substituted or unsubstituted phenoxy group, and cyclodextrin clathrates and non-toxic salts thereof, possess anti-tumor activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 17 OF 25 USPATFULL

AN 84:22884 USPATFULL

TI Granular bleach activator compositions and detergent compositions containing them

IN Gray, Ian, Newcastle upon Tyne, England

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 4444674 19840424

AI US 1983-476439 19830317 (6)

RLI Continuation of Ser. No. US 1981-316478, filed on 30 Oct 1981, now abandoned

PRAI GB 1980-35709 19801106
GB 1981-32013 19811023

DT Utility

FS Granted

EXNAM Primary Examiner: Willis, Jr., P. E.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1209

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Granular detergent compositions comprising an agglomerate of finely-divided organic peroxy acid bleach precursor, and **water-soluble** or **water-dispersible** organic binding agent having a melting point of no more than 40.degree. C., and having a surface coating of **water-insoluble** natural or synthetic silica or silicate. The compositions have improved granular physical characteristics, chemical stability and rate of solution/dispersion characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 18 OF 25 USPATFULL

AN 82:32747 USPATFULL

TI Novel compositions and methods

IN Henrick, Clive A., Palo Alto, CA, United States

Labovitz, Jeffrey N., Palo Alto, CA, United States

Fox, Roland T. V., Crowthorne, England

Rathmell, William G., Wokingham, England

Shephard, Margaret C., Maidenhead, England

PA Zoecon Corporation, Palo Alto, CA, United States (U.S. corporation)

ICI Ltd., Palo Alto, CA, United States (U.S. corporation)

PI US 4338318 19820706
AI US 1980-170241 19800718 (6)
RLI Division of Ser. No. US 1979-23517, filed on 23 Mar 1979, now patented,
Pat. No. US 4266056 which is a continuation-in-part of Ser. No. US
1978-894307, filed on 7 Apr 1978, now abandoned which is a
continuation-in-part of Ser. No. US 1978-892560, filed on 3 Apr 1978,
now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Robinson, Allen J.
LREP Erickson, Donald W., Larson, Jacqueline S., Gordon, Thomas T.
CLMN Number of Claims: 18
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 839
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Novel 1-substituted uracils, synthesis and intermediates therefor, and
compositions for the control of pests.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 19 OF 25 USPATFULL
AN 82:13629 USPATFULL
TI Granular laundry compositions
IN Harris, Richard G., Morpeth, England
Gray, Ian, Gosforth, England
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 4321157 19820323
AI US 1980-202528 19801031 (6)
PRAI GB 1979-38144 19791103
DT Utility
FS Granted
EXNAM Primary Examiner: Weinblatt, Mayer
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1170
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Granular laundry compositions comprising a particulate mixture of a
water-insoluble natural or synthetic silica or silicate, a
finely-divided organic peroxy acid bleach precursor, and an alkoxylated
nonionic surfactant. The particulate mixture has a pH in 2%
aqueous dispersion of from about pH 2 to about pH 9. The
compositions have improved granular physical characteristics, chemical
stability and rate of solution/dispersion characteristics. They are
useful in bleach activator, bleaching, detergent and laundry additive
compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 20 OF 25 USPATFULL
AN 81:58800 USPATFULL
TI .alpha.-Cyano-.beta.- (substituted-anilino)-N-ethoxycarbonylacrylamide
intermediates
IN Henrick, Clive A., Palo Alto, CA, United States
Labovitz, Jeffrey N., Palo Alto, CA, United States
Fox, Roland T. V., Crowthorne, England
Rathmell, William G., Wokingham, England
Shephard, Margaret C., Maidenhead, England
PA Zoecon Corp., Palo Alto, CA, United States (U.S. corporation)
Imperial Chemical Industries Limited, England (non-U.S. corporation)
PI US 4297297 19811027
AI US 1980-170243 19800718 (6)

RLI Division of Ser. No. US 1979-23517, filed on 23 Mar 1979, now patented, Pat. No. US 4266056 which is a continuation-in-part of Ser. No. US 1978-894307, filed on 7 Apr 1978, now abandoned which is a continuation-in-part of Ser. No. US 1978-892560, filed on 3 Apr 1978, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Torrence, Dolph H.

LREP Erickson, Donald W., Gordon, Thomas T.

CLMN Number of Claims: 19

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 829

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel 1-substituted uracils, synthesis and intermediates therefor, and compositions for the control of pests.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 21 OF 25 USPATFULL

AN 81:24903 USPATFULL

TI Phenyl uracils

IN Henrick, Clive A., Palo Alto, CA, United States
Labovitz, Jeffrey N., Palo Alto, CA, United States
Fox, Roland T. V., Crowthrone, England
Rathmell, William G., Wokingham, England
Shephard, Margaret C., Maidenhead, England

PA Zeecon Corporation, Palo Alto, CA, United States (U.S. corporation)
Imperial Chemical Industries Limited, London, England (non-U.S. corporation)

PI US 4266056 19810505

AI US 1979-23517 19790323 (6)

RLI Continuation-in-part of Ser. No. US 1978-894307, filed on 7 Apr 1978, now abandoned which is a continuation-in-part of Ser. No. US 1978-892560, filed on 3 Apr 1978, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Coughlan, Jr., Paul M.

LREP Erickson, Donald W.

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 856

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Phenyl uracils, synthesis and intermediates therefor, and compositions for the control of pests, especially fungi and bacteria.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 22 OF 25 USPATFULL

AN 80:63244 USPATFULL

TI Pyrazol-1-ylphenylacetic acids

IN Rainer, Georg, Constance, Germany, Federal Republic of

PA Byk Gulden Lomberg Chemische Fabrik GmbH, Constance, Germany, Federal Republic of (non-U.S. corporation)

PI US 4239901 19801216

AI US 1977-841382 19771012 (5)

PRAI CH 1976-13138 19761014

DT Utility

FS Granted

EXNAM Primary Examiner: Reamer, James H.

LREP Berman, Aisenberg & Platt

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2753

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pyrazol-1-ylphenylacetic acids of the formula ##STR1## wherein R.¹, R.² and R.³ are the same or different and denote a hydrogen atom or a halogen atom,

R.⁴ denotes a hydrogen atom or an alkyl group,

A B denotes a carbon-carbon single or double bond, and their salts are pharmacologically active and are useful as medicaments. Medicament compositions are produced therefrom. Their functional carboxylic acid derivatives and other new intermediates are used in their preparation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 23 OF 25 USPATFULL

AN 77:2427 USPATFULL

TI Synthesis of gon-4-enes

IN Hughes, Gordon Alan, Wayne, PA, United States

Smith, Herchel, Wayne, PA, United States

PA Smith, Herchel, Bryn Mawr, PA, United States (U.S. individual)

PI US 4002746 19770111

AI US 1964-337823 19640115 (4)

RLI Continuation-in-part of Ser. No. US 1962-228384, filed on 4 Oct 1962, now patented, Pat. No. US 3850911 which is a continuation-in-part of Ser. No. US 1960-57904, filed on 23 Sep 1960, now abandoned And Ser. No. US 1961-91341, filed on 24 Feb 1961, now abandoned And Ser. No. US 1961-137535, filed on 12 Sep 1961, now abandoned And Ser. No. US 1962-195000, filed on 15 May 1962, now abandoned And Ser. No. US 1962-196557, filed on 16 May 1962, now abandoned

PRAI GB 1959-32619 19590925

DT Utility

FS Granted

EXNAM Primary Examiner: Roberts, Elbert L.

LREP Hueschen, Gordon W., Bellino, Vito Victor

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN 5 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 5562

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB 1. A therapeutic composition having progestational activity comprising as active ingredient a 17-aliphatic carboxylic acid ester of 17.alpha.-ethynyl-18-methyl-19-nortestosterone and a pharmaceutical carrier for said compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 24 OF 25 USPATFULL

AN 76:29200 USPATFULL

TI Synthesis of 13-alkyl-gon-4-ones

IN Hughes, Gordon Alan, Wayne, PA, United States

Smith, Herchel, Wayne, PA, United States

PA Smith, Herchel, Bryn Mawr, PA, United States (U.S. individual)

PI US 3959322 19760525

AI US 1964-388820 19640811 (4)

DCD 19911126

RLI Continuation-in-part of Ser. No. US 1964-337823, filed on 15 Jan 1964, now Defensive Publication No. which is a continuation-in-part of Ser. No. US 1962-228384, filed on 4 Oct 1962, now patented, Pat. No. US 3850911 which is a continuation-in-part of Ser. No. US 1960-57904, filed on 23 Sep 1960, now abandoned And Ser. No. US 1961-91341, filed on 24 Feb 1961, now abandoned And Ser. No. US 1961-137535, filed on 12 Sep 1961, now abandoned And Ser. No. US 1962-195000, filed on 15 May 1962,

now abandoned And Ser. No. US 1962-196557, filed on 16 May 1962, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Roberts, Elbert L.

LREP Hueschen, Gordon W., Bellino, Vito Victor, Wiser, Robert

CLMN Number of Claims: 48

ECL Exemplary Claim: 1

DRWN 5 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 5793

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The preparation of 13-methylgon-4-enes and novel 13-polycarbonalkylgon-4-enes by a new total synthesis is described. 13-Alkylgon-4-enes having progestational, anabolic and androgenic activities are prepared by forming a tetracyclic gonane structure unsaturated in the 1,3,5(10),9(11) and 14-positions, selectively reducing in the B- and C-rings, and converting the aromatic A-ring compounds so-produced to gon-4-enes by Birch reduction and hydrolysis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 25 OF 25 USPATFULL

AN 75:26409 USPATFULL

TI METHOD OF PREPARING SILVER HALIDE EMULSIONS

IN De Pauw, Alfons Jozef, Edegem, Belgium
Carpentier, Jan Albert, Walem, Belgium

PA Agfa-Gevaert, N.V., Mortsel, Belgium (non-U.S. corporation)

PI US 3884701 19750520

AI US 1973-382115 19730724 (5)

PRAI GB 1972-36370 19720803

DT Utility

FS Granted

EXNAM Primary Examiner: Torchin, Norman G.; Assistant Examiner: Suro Pico, Alfonso T.

LREP Breiner, A. W.

CLMN Number of Claims: 8

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 383

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method is disclosed of preparing washed silver halide emulsions wherein silver halide grain formation is effected in the presence of gelatin and an acid-coagulable gelatin-derivative, the said derivative being present in an amount sufficient to impart acid-coagulable properties to the entire mass and coagulation of the emulsion occurs in the presence of low-molecular weight polystyrene sulfonic acid. Favourable sensitometric properties are obtained with effective coagulation washing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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=> s 112
  21191 CELLULOSE
    361 CELLULOSES
  21428 CELLULOSE
    (CELLULOSE OR CELLULOSES)
  10640 ACETATE
    1220 ACETATES
  11724 ACETATE
    (ACETATE OR ACETATES)
  10000 SULFATE
    3085 SULFATES
  12944 SULFATE
    (SULFATE OR SULFATES)
  2003 ACETIC
  3654 ANHYDRIDE
  1646 ANHYDRIDES
  5193 ANHYDRIDE
    (ANHYDRIDE OR ANHYDRIDES)
  842 SULFURIC
    59 SOLUBLE
  149 SOLUBLES
  208 SOLUBLE
    (SOLUBLE OR SOLUBLES)
  13002 SOL
  1499 SOLS
  14387 SOL
    (SOL OR SOLS)
  14580 SOLUBLE
    (SOLUBLE OR SOL)
  59836 WATER
  8312 WATERS
  66618 WATER
    (WATER OR WATERS)
  52 AQUEOUS
  18654 AQ
    1 AQS
  18655 AQ
    (AQ OR AQS)
  18701 AQUEOUS
    (AQUEOUS OR AQ)
  232 HYDRO
    2 HYDROS
  234 HYDRO
    (HYDRO OR HYDROS)
  128 SUSPENDING
  382 SOAKING
  202 SULFATION
    1 SULFATIONS
  203 SULFATION
    (SULFATION OR SULFATIONS)
  1287 ACETYLATION
    11 ACETYLATIONS
```

1297 ACETYLATION
(ACETYLATION OR ACETYLATIONS)
10114 DEGREE
546 DEGREES
10648 DEGREE
(DEGREE OR DEGREES)
8873 PH
5 PHS
8876 PH
(PH OR PHS)
70 MAINTAIN
12 MAINTAINS
82 MAINTAIN
(MAINTAIN OR MAINTAINS)
246 MONITOR
50 MONITORS
293 MONITOR
(MONITOR OR MONITORS)
L20 0 L10 AND (PH AND MAINTAIN OR MONITOR)

=> dis hist

(FILE 'HOME' ENTERED AT 16:03:40 ON 20 NOV 2002)

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, EMA, IFIPAT, JICST-EPLUS,
PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL,
USPAT2, WPINDEX, WTEXTILES' ENTERED AT 16:03:57 ON 20 NOV 2002

L1 730826 S CELLULOSE
L2 209207 S L1 AND ACETATE
L3 62238 S L2 AND SULFATE
L4 31389 S L3 AND ACETIC
L5 16793 S L4 AND ANHYDRIDE
L6 10161 S L5 AND SULFURIC
L7 5540 S L6 AND SOLUBLE
L8 5537 S L7 AND (WATER OR AQUEOUS OR HYDRO)
L9 1964 S L8 AND (SUSPENDING OR SOAKING)
L10 24 S L9 AND (SULFATION AND ACETYLATION AND DEGREE)
L11 0 S L10 AND (GEL AND THIXOTROPIC AND THERMOREVERSIBLE)
L12 24 S L10 AND (PH AND MAINTAIN OR MONITOR)

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE,
BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN,
COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT, ENCOMPLIT2, FEDRIP,
GENBANK, INSPEC, INSPHYS, INVESTTEXT, IPA, ...' ENTERED AT 16:12:56 ON 20
NOV 2002

L13 0 S L10

FILE 'APOLLIT, BABS, CAPLUS, CBNB, CEN, CIN, EMA, IFIPAT, JICST-EPLUS,
PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL,
USPAT2, WPINDEX, WTEXTILES' ENTERED AT 16:15:53 ON 20 NOV 2002

L14 14199 S L2 AND SULPHATE
L15 1802 S L14 AND L4 AND L5
L16 351 S L15 AND SULPHURIC
L17 25 S L16 AND L7 AND L8 AND L9
L18 0 S L17 AND L10
L19 0 S L17 AND L11 AND L12

FILE 'CAOLD' ENTERED AT 16:20:46 ON 20 NOV 2002

L20 0 S L12

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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
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NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
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NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
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NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002

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AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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```
=> index chemistry
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.21        0.21

INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA,
CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI,
COPPERLIT, CORROSION, DKILIT, ENCOMPLIT, ENCOMPLIT2, FEDRIP, GENBANK,
INSPEC, INSPHYS, INVESTTEXT, IPA, ...' ENTERED AT 14:09:43 ON 11 NOV 2002
```

45 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s cellulose

9632	FILE AGRICOLA
171	FILE ALUMINIUM
3462	FILE ANABSTR
50	FILE AQUIRE
2335	FILE BABS
265	FILE BIOCOMMERCE
8486	FILE BIOTECHNO
18845	FILE CABA
21428	FILE CAOLD
296656	FILE CAPLUS
4463	FILE CBNB
6200	FILE CEABA-VTB
244	FILE CEN
108	FILE CERAB
3365	FILE CIN
15379	FILE COMPENDEX
1211	FILE CONFSCI
35	FILE COPPERLIT
107	FILE CORROSION
13942	FILE DKILIT
2375	FILE ENCOMPLIT
2375	FILE ENCOMPLIT2
475	FILE FEDRIP
20736	FILE GENBANK
3151	FILE INSPEC
525	FILE INSPHYS
6492	FILE INVESTTEXT
2053	FILE IPA
9634	FILE JICST-EPLUS
130	FILE KOSMET
494	FILE METADEX
75	FILE NAPRALERT
908	FILE NIOSHTIC
3660	FILE NTIS
42021	FILE PAPERCHEM2
22549	FILE PASCAL
9931	FILE PROMT
8237	FILE RAPRA

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872  FILE RUSSCI
32961 FILE SCISEARCH
2038  FILE TULSA
1933  FILE TULSA2
26    FILE USAN
490   FILE WELDASEARCH
2717  FILE WSCA
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45 FILES HAVE ONE OR MORE ANSWERS, 45 FILES SEARCHED IN STNINDEX

L1 QUE CELLULOSE

```
=> s 11 and sulfoacetate
     4  FILE CAOLD
     37 FILE CAPLUS
      1 FILE CEABA-VTB
      1 FILE PASCAL
      1 FILE PROMT
      1 FILE RUSSCI
      1 FILE SCISEARCH
```

7 FILES HAVE ONE OR MORE ANSWERS, 45 FILES SEARCHED IN STNINDEX

L2 QUE L1 AND SULFOACETATE

```
=> s 12 and acetic
      5  FILE CAPLUS
38 FILES SEARCHED...
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1 FILES HAVE ONE OR MORE ANSWERS, 45 FILES SEARCHED IN STNINDEX

L3 QUE L2 AND ACETIC

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          1.59          1.80
```

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FILE COVERS 1907 - 11 Nov 2002 VOL 137 ISS 20
FILE LAST UPDATED: 10 Nov 2002 (20021110/ED)

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=> s 13 and sulfuric
 296079 CELLULOSE
 3866 CELLULOSES
 296656 CELLULOSE
 (CELLULOSE OR CELLULOSES)
 281 SULFOACETATE
 45 SULFOACETATES
 300 SULFOACETATE
 (SULFOACETATE OR SULFOACETATES)
 157272 ACETIC
 22 ACETICS
 157281 ACETIC
 (ACETIC OR ACETICS)
 102349 SULFURIC
 L4 2 L3 AND SULFURIC

=> dis 14 1-2 bib abs

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:535182 CAPLUS
 DN 133:137001
 TI Method for producing **cellulose sulfoacetate**
 derivatives and products and mixtures thereof
 IN Chauvelon, Gaelle; Saulnier, Luc; Buleon, Alain; Thibault, Jean-Francois
 PA Institut National de la Recherche Agronomique (INRA), Fr.
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000044791	A1	20000803	WO 2000-FR205	20000128
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	FR 2789080	A1	20000804	FR 1999-1049	19990129
	FR 2789080	B1	20010420		
	EP 1165618	A1	20020102	EP 2000-901672	20000128
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 2000007802	A	20020205	BR 2000-7802	20000128
PRAI	FR 1999-1049	A	19990129		
	WO 2000-FR205	W	20000128		
AB	A method for directly producing a mixt. of cellulose sulfoacetate derivs. by esterification of cellulosic material, is characterized in that it comprises the following steps: i) the cellulosic material is suspended in a glacial acetic acid soln. and the excess acetic acid is eliminated, ii) the cellulosic acid that is swollen with acetic acid is suspended in a sulfuric acid soln. in glacial acetic acid, and iii) the cellulose material is made to react by adding acetic anhydride. This process provides products with controlled acetylation degree, sulfation 0.2-0.6, controlled d.p., good solv. in polar solvents, good rheol. properties., and retention of water in presence of salt.				
RE.CNT 6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
AN 1999:537936 CAPLUS
DN 131:161684
TI Microbiccidal and sanitizing soap compositions
IN Lopes, John A.
PA USA
SO U.S., 10 pp., Cont. of U. S. Ser. No. 530,680, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	-----	-----	-----	-----
PI	US 5942478	A	19990824	US 1997-923616	19970904
PRAI	US 1995-530680		19950919		

AB The invention relates to microbiccidal and sanitizing soap compns. that incorporate agents with tuberculocidal properties in ready-to-use form that has gel properties or thixotropic properties and to soap conc. compns. suitable for diln. in or with water or non-aq. diluent to produce gel-like or thixotropic solns. or dispersions ranging from free flowing to solidified forms. The ready-to-use compns. and the conc. compns. are applied for purposes of personal or animal hygiene or sanitizing on hair, hands and skin or other body parts, or are applied on inanimate surfaces and objects that need to be sanitized. For example, a soap compn. contained Na Cl4-16 .alpha.-olefin sulfonates (40 %) 10, lactic acid (88 %) 1, xanthan gum 0.5, Aloe vera powder 0.1, lemon flavor 0.1, and water q.s. to 100 %.

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> index polymers

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.07	14.87

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.24	-1.24

INDEX 'BABS, CAPLUS, CBNB, CEN, CIN, DKILIT, IFIPAT, JICST-EPLUS, PASCAL, PLASNEWS, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPAT2, WPIDS, WPINDEX, WTEXTILES' ENTERED AT 14:14:46 ON 11 NOV 2002

19 FILES IN THE FILE LIST IN STNINDEX

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=> s 11 and 12 and 13 and 14
2 FILE CAPLUS
1 FILE IFIPAT
45 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

18 FILES SEARCHED...

5 FILES HAVE ONE OR MORE ANSWERS, 19 FILES SEARCHED IN STNINDEX

L5 QUE L1 AND L2 AND L3 AND L4

=> file uspatfull
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
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	ENTRY	SESSION
FULL ESTIMATED COST	1.06	15.93
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-1.24

FILE 'USPATFULL' ENTERED AT 14:15:49 ON 11 NOV 2002
 CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 7 Nov 2002 (20021107/PD)
 FILE LAST UPDATED: 7 Nov 2002 (20021107/ED)
 HIGHEST GRANTED PATENT NUMBER: US6477708
 HIGHEST APPLICATION PUBLICATION NUMBER: US2002166154
 CA INDEXING IS CURRENT THROUGH 7 Nov 2002 (20021107/UPCA)
 ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 7 Nov 2002 (20021107/PD)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2002
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2002

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 >>> applications. USPAT2 contains full text of the latest US <<<
 >>> publications, starting in 2001, for the inventions covered in <<<
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 >>> publication date for all the US publications for an invention <<<
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 >>> /PK, etc. <<<

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 >>> enter this cluster. <<<

>>> <<<
 >>> Use USPATALL when searching terms such as patent assignees, <<<
 >>> classifications, or claims, that may potentially change from <<<
 >>> the earliest to the latest publication. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15 and process
 178056 CELLULOSE
 8067 CELLULOSES
 179753 CELLULOSE
 (CELLULOSE OR CELLULOSES)
 178056 CELLULOSE
 8067 CELLULOSES
 179753 CELLULOSE
 (CELLULOSE OR CELLULOSES)
 395 SULFOACETATE
 473 SULFOACETATES
 821 SULFOACETATE
 (SULFOACETATE OR SULFOACETATES)
 178056 CELLULOSE
 8067 CELLULOSES
 179753 CELLULOSE
 (CELLULOSE OR CELLULOSES)
 395 SULFOACETATE
 473 SULFOACETATES
 821 SULFOACETATE
 (SULFOACETATE OR SULFOACETATES)
 175394 ACETIC

4 ACETICS
175394 ACETIC
(ACETIC OR ACETICS)
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(CELLULOSE OR CELLULOSES)
395 SULFOACETATE
473 SULFOACETATES
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(SULFOACETATE OR SULFOACETATES)
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4 ACETICS
175394 ACETIC
(ACETIC OR ACETICS)
126615 SULFURIC
1 SULFURICS
126616 SULFURIC
(SULFURIC OR SULFURICS)
1533367 PROCESS
661154 PROCESSES
1612436 PROCESS
(PROCESS OR PROCESSES)
L6 39 L5 AND PROCESS

=> dis 16 1-39 bib abs

L6 ANSWER 1 OF 39 USPATFULL
AN 2002:245877 USPATFULL
TI Ink set for color ink-jet recording, and recording method, recording apparatus, ink cartridge, recording unit and reduction of bleeding, employing the ink set
IN Takada, Yoichi, Yokohama, JAPAN
Takizawa, Yoshihisa, Machida, JAPAN
Teraoka, Hisashi, Odawara, JAPAN
Yakushigawa, Yuko, Yokohama, JAPAN
PA Canon Kabushiki Kaisha, Tokyo, JAPAN (non-U.S. corporation)
PI US 6454403 B1 20020924
AI US 2000-675216 20000929 (9)
PRAI JP 1999-280108 19990930
JP 1999-280109 19990930
DT Utility
FS GRANTED
EXNAM Primary Examiner: Barlow, John; Assistant Examiner: Shah, Manish S.
LREP Fitzpatrick, Cella, Harper & Scinto
CLMN Number of Claims: 25
ECL Exemplary Claim: 1
DRWN 25 Drawing Figure(s); 15 Drawing Page(s)
LN.CNT 1627
AB An ink set for recording a color image with inks of two or more colors including at least one black ink and one color ink on a recording medium is provided. The ink set includes a black ink containing a self-dispersible carbon black having at least one cationic group bonded directly or through another atomic group to the surface thereof, and a color ink containing an anionic substance and having a buffering capability against a pH change. The ink set satisfies the requirements for print quality, image durability, and so forth and does not cause bleeding between a black ink-printed area and a color ink-printed area.

L6 ANSWER 2 OF 39 USPATFULL
AN 2002:194571 USPATFULL
TI Personal care articles
IN Cen, Raymond Wei, Cincinnati, OH, United States

Phipps, Nichola Jacqueline, Warfield, UNITED KINGDOM
Smith, III, Edward Dewey, Mason, OH, United States
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)

PI US 6428799 B1 20020806
AI US 1999-442298 19991119 (9)
PRAI US 1999-146814P 19990802 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, S.
LREP Matthews, Armina E., Kendall, Dara M., Rosnell, Tara M.
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 4308
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a substantially dry, disposable personal care article suitable for cleansing and/or therapeutically treating comprising a water insoluble substrate which comprises a non-scouring, lofty, low density batting layer which comprises synthetic fibers and wherein said batting layer exhibits a number of physical properties either individually or in combination which are believed to contribute to the overall effectiveness of the personal care article of the present invention. The physical properties of the batting include a Lather Permeability of at least 0.2 g/sec at 7 cm H₂O, a Lather Permeability Critical Pressure of less than about 4 cm H₂O, an Air Permeability of at least 900 ft³/min/ft², a Compression Relaxation Hysteresis Value of from about 25% to about 60%, and an Abrasiveness Value of greater than about 15. These articles have been found to be particularly useful for personal cleansing applications, namely for the skin and hair.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 39 USPATFULL
AN 2002:54986 USPATFULL
TI In vivo delivery methods and compositions
IN Kensey, Kenneth, Malvern, PA, UNITED STATES
PI US 2002032149 A1 20020314
AI US 2001-841389 A1 20010424 (9)
RLI Continuation-in-part of Ser. No. US 2001-819924, filed on 28 Mar 2001, PENDING Continuation-in-part of Ser. No. US 2000-727950, filed on 1 Dec 2000, PENDING Continuation-in-part of Ser. No. US 2000-628401, filed on 1 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-501856, filed on 10 Feb 2000, GRANTED, Pat. No. US 6322525 Continuation-in-part of Ser. No. US 1999-439795, filed on 12 Nov 1999, GRANTED, Pat. No. US 6322524 Continuation-in-part of Ser. No. US 1997-919906, filed on 28 Aug 1997, GRANTED, Pat. No. US 6019735
DT Utility
FS APPLICATION
LREP CAESAR, RIVISE, BERNSTEIN,, COHEN & POKOTILOW, LTD., 12TH FLOOR, SEVEN PENN CENTER, 1635 MARKET STREET, PHILADELPHIA, PA, 19103-2212
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN 19 Drawing Page(s)
LN.CNT 2747
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Various methods are provided for determining and utilizing the viscosity of the circulating blood of a living being over a range of shear rates for diagnostics and treatment, such as detecting/reducing blood viscosity, work of the heart, contractility of the heart, for detecting/reducing the surface tension of the blood, for detecting plasma viscosity, for explaining/countering endothelial cell dysfunction, for providing high and low blood vessel wall shear stress

data, red blood cell deformability data, lubricity of blood, and for treating different ailments such as peripheral arterial disease in combination with administering to a living being at least one pharmaceutically acceptable agent. Agents pharmaceutically effective to regulate at least one of the aforementioned blood parameters are used to adjust distribution of a substance through the bloodstream.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 39 USPATFULL
AN 2002:24087 USPATFULL
TI Method for producing a tobacco filter material
IN Asai, Tanemi, Ibo-gun, JAPAN
Shimamoto, Syu, The Hague, JAPAN
Matsumura, Hiroyuki, Himeji, JAPAN
Shibata, Tohru, Himeji, JAPAN
PA Daicel Chemical Industries, Ltd., Osaka, JAPAN (non-U.S. corporation)
PI US 6344239 B1 20020205
AI US 1998-175464 19981020 (9)
RLI Division of Ser. No. US 1995-532280, filed on 22 Sep 1995, now patented,
Pat. No. US 5856006
PRAI JP 1994-254557 19940922
JP 1994-280053 19941018
DT Utility
FS GRANTED
EXNAM Primary Examiner: Chen, Bret
LREP Pillsbury Winthrop LLP
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1364
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method for producing a tobacco filter material which is either (A) a coating **process** for coating the surface of a fibrous or particulate **cellulose** with a **cellulose** ester having an average substitution degree of about 2.0 to about 2.6 to give a coated **cellulose**, and wet webbing the coated **cellulose** into a sheet, or (B) a treating **process** for treating a naturally-occurring or regenerated **cellulose** fiber or particle with an organic acid and an organic acid anhydride or organic acid halide in a liquid phase to give a **cellulose** derivative.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 39 USPATFULL
AN 2002:21804 USPATFULL
TI Topical compositions comprising protected functional thiols
IN Glenn, Robert Wayne, JR., Surrey, UK, UNITED STATES
Katritzky, Alan Roy, Gainesville, FL, UNITED STATES
Block, Eric, Niskayuna, NY, UNITED STATES
Shair, Matthew David, Boston, MA, UNITED STATES
Ehlis, Thomas, Freiburg, GERMANY, FEDERAL REPUBLIC OF
Lupia, Joseph Anthony, Colfax, NC, UNITED STATES
PI US 2002012639 A1 20020131
AI US 2001-755817 A1 20010105 (9)
RLI Continuation-in-part of Ser. No. US 2000-478855, filed on 7 Jan 2000,
PENDING
PRAI US 1999-115278P 19990108 (60)
US 1999-129453P 19990415 (60)
DT Utility
FS APPLICATION
LREP The Procter & Gamble Company, Sharon Woods Technical Center, Box 325,
11511 Reed Hartman Highway, Cincinnati, OH, 45241
CLMN Number of Claims: 14

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 2753

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to a topical composition for treating amino acid based substrates comprising a protected thiol compound having the formula

R--(S--Pr).sub.m

where R is a functional group, S is sulfur, and Pr is a heterocyclic protecting group, and m is an integer between 1 and 100. The invention further relates to systems which comprise this protected thiol compound and an activating mechanism. The protected thiol compounds of the present invention may be used in hair care compositions, textile care compositions, cosmetic compositions, oral care compositions, skin care, nail care, laundry care, acne care and animal care compositions. Preferred embodiments of the present invention provide a modified UV absorber and a modified antioxidant, methods for making them and compositions comprising them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 39 USPATFULL

AN 2002:12505 USPATFULL

TI PERSONAL CARE ARTICLES COMPRISING CATIONIC POLYMER COACERVATE COMPOSITIONS

IN BEERSE, PETER WILLIAM, MORROW, OH, UNITED STATES
SMITH, EDWARD DEWEY, III, MASON, OH, UNITED STATES

PI US 2002006886 A1 20020117

AI US 1999-443545 A1 19991119 (9)

DT Utility

FS APPLICATION

LREP THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, MIAMI VALLEY LABORATORIES, P.O. BOX 538707, CINCINNATI, OH, 45253-8707

CLMN Number of Claims: 14

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3012

AB The present invention relates to a substantially dry, disposable personal care article comprising:

a. a water insoluble substrate comprising a nonwoven layer; and

b. a therapeutic benefit component, disposed adjacent to said water insoluble substrate, wherein said component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a therapeutic benefit composition comprising:

c) a safe and effective amount of a cationic polymer exhibiting a Relative Hydrophobic Contribution of from about 0.2 to about 1.0;

d) a safe and effective amount of an anionic surfactant;

wherein said composition forms a coacervate when said article is exposed to water.

These articles have been found to be particularly useful for personal cleansing applications, namely for the skin and hair. Thus, the present invention further relates to methods of cleansing and/or therapeutically treating (e.g., conditioning) skin and hair utilizing the articles of the present invention.

L6 ANSWER 7 OF 39 USPATFULL
AN 2001:144933 USPATFULL
TI Personal care articles comprising hotmelt compositions
IN Lorenzi, Marc Paul, Egham, Great Britain
Smith, Edward Dewey, III, Mason, OH, United States
Phipps, Nicola Jacqueline, Bracknell, Great Britain
PI US 2001018068 A1 20010830
AI US 2001-785882 A1 20010216 (9)
RLI Continuation-in-part of Ser. No. US 1999-443741, filed on 19 Nov 1999,
GRANTED, Pat. No. US 6217889
PRAI US 1999-146747P 19990802 (60)
DT Utility
FS APPLICATION
LREP DARA M. KENDALL, THE PROCTER & GAMBLE COMPANY, MIAME VALLEY
LABORATORIES, P.O. BOX 538707, CINCINNATI, OH, 45253-8707
CLMN Number of Claims: 20
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 4390
AB The present invention relates to a substantially dry, disposable
personal care article suitable for cleansing, said article comprising:
a) a water insoluble substrate comprising a creped nonwoven layer; and
b) a cleansing component disposed adjacent to said creped nonwoven
layer, wherein said component comprises from about 10% to about 1000%,
by weight of the water insoluble substrate, of a lathering surfactant
and wherein the cleansing component exhibits a log [($\eta_{25^\circ C}$ / $\eta_{200^\circ C}$)] greater than about 0.45.

Additionally, the present invention relates to a similar article that is
characterized by a cleansing component that exhibits a complex viscosity
measured under an oscillation stress of 1 Pa of greater than about 100
Pa.multidot.s. at 25.degree. C. The present invention further relates to
a substantially dry, disposable personal care article suitable for
conditioning wherein the above-described article comprises a therapeutic
benefit component, disposed adjacent to said water insoluble substrate,
wherein said component comprises from about 10% to about 1000%, by
weight of the water insoluble substrate, of a therapeutic benefit
component in addition to or in lieu of the cleansing component.

These articles have been found to be particularly useful for personal
cleansing applications, namely for the skin and hair. Thus, the present
invention further relates to methods of cleansing and conditioning the
skin and hair utilizing the articles of the present invention.

L6 ANSWER 8 OF 39 USPATFULL
AN 2001:121083 USPATFULL
TI Personal care articles
IN Smith, III, Edward Dewey, Mason, OH, United States
Lorenzi, Marc Paul, Egham, United Kingdom
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)
PI US 6267975 B1 20010731
AI US 1999-443651 19991119 (9)
PRAI US 1999-146693P 19990802 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Dodson, Shelley A.
LREP Kendall, Dara M., Tsuneki, Fumiko, Hilton, Michael E.
CLMN Number of Claims: 19
ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 4157

AB The present invention relates to a substantially dry, disposable personal cleansing article comprising:

a) a water insoluble substrate comprising:

1) a first layer which exhibits a Loft-Soft Ratio of greater than about 1.1;

2) a second layer, disposed adjacent to said first layer, wherein said second layer exhibits a Loft-Soft Ratio of less than about 1.2;

b) a cleansing component disposed adjacent to said first and second layers, wherein said component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a lathering surfactant.

The present invention further relates to a substantially dry, disposable personal care article suitable for conditioning wherein the above-described article comprises a therapeutic benefit component, disposed adjacent to said water insoluble substrate, wherein said component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a therapeutic benefit component in addition to or in lieu of the cleansing component.

These articles have been found to be particularly useful for personal cleansing applications, namely for the skin and hair.

L6 ANSWER 9 OF 39 USPATFULL

AN 2001:55467 USPATFULL

TI Personal care articles

IN Lorenzi, Marc Paul, Egham, United Kingdom

Smith, III, Edward Dewey, Mason, OH, United States

PA The Proctor & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 6217889 B1 20010417

AI US 1999-443741 19991119 (9)

PRAI US 1999-146747P 19990802 (60)

DT Utility

FS Granted

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Kendall, Dara M., Tsuneki, Fumiko, Hilton, Michael E.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 4246

AB The present invention relates to a substantially dry, disposable personal care article suitable for cleansing, said article comprising:

a) a water insoluble substrate comprising a creped nonwoven layer wherein said layer has a Crepe Ratio of from about 4.5 to about 45; and

b) a cleansing component disposed adjacent to said creped nonwoven layer, wherein said component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a lathering surfactant.

The present invention further relates to a substantially dry, disposable personal care article suitable for conditioning wherein the above-described article comprises a therapeutic benefit component, disposed adjacent to said water insoluble substrate, wherein said component comprises from about 10% to about 1000%, by weight of the water insoluble substrate, of a therapeutic benefit component in addition to or in lieu of the cleansing component.

These articles have been found to be particularly useful for personal cleansing applications, namely for the skin and hair. Thus, the present invention further relates to methods of cleansing and/or conditioning the skin and hair utilizing the articles of the present invention.

L6 ANSWER 10 OF 39 USPATFULL
AN 2001:47564 USPATFULL
TI Keratin treating cosmetic compositions containing amphoteric polysaccharide derivatives
IN Martino, Gary T., Jamesburg, NJ, United States
Cottrell, Ian W., Princeton, NJ, United States
Chowdhary, Manjit S., Princeton Junction, NJ, United States
Koltai, Kimberly A., North Brunswick, NJ, United States
PA National Starch & Chemical Co. Investment Holding Corporation, Wilmington, DE, United States (U.S. corporation)
PI US 6210689 B1 20010403
AI US 1998-40592 19980318 (9)
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Ghali, Isis
LREP Duncan, Laurelee A.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 504
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A composition for treating keratin substances comprising selected amphoteric polysaccharide derivatives, preferably guar gum which contain a cationic group comprising an amino, ammonium, imino, sulfonium or phosphonium group and an anionic group comprising a carboxyl, sulfonate, sulfate, phosphate or phosphonate group.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 11 OF 39 USPATFULL
AN 2001:25442 USPATFULL
TI Mild, rinse-off antimicrobial liquid cleansing compositions which provide improved residual benefit versus gram positive bacteria
IN Beerse, Peter William, Maineville, OH, United States
Morgan, Jeffrey Michael, Springboro, OH, United States
Baier, Kathleen Grieshop, Cincinnati, OH, United States
Cen, Wei, Cincinnati, OH, United States
Bakken, Theresa Anne, Cincinnati, OH, United States
Clapp, Mannie Lee, Mason, OH, United States
Warren, Raphael, Amberly Village, OH, United States
PA Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
PI US 6190675 B1 20010220
AI US 1997-969049 19971112 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Krass, Frederick; Assistant Examiner: Jagoe, Donna
LREP Murphy, Stephen T., Rosnell, Tara M.
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2172
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a rinse-off antimicrobial cleansing composition comprising from about 0.001% to about 5% of an antimicrobial active, from about 1% to about 80% of an anionic surfactant, from about 0.1% to about 12% of a proton donating agent; and from about 3% to about

98.899% of water, wherein the composition is adjusted to a pH of from about 3.0 to about 6.0, wherein the rinse-off antimicrobial cleansing composition has a Gram Positive Residual Effectiveness Index of greater than about 1.8, and wherein the rinse-off antimicrobial cleansing composition has a Mildness Index of greater than 0.3. The invention also encompasses methods for cleansing skin and providing residual effectiveness versus Gram positive bacteria using these products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 12 OF 39 USPATFULL
AN 2001:18005 USPATFULL
TI Mild, rinse-off antimicrobial cleansing compositions which provide improved immediate germ reduction during washing
IN Beerse, Peter William, Maineville, OH, United States
Morgan, Jeffrey Michael, Springboro, OH, United States
Baier, Kathleen Grieshop, Cincinnati, OH, United States
Cen, Wei, Cincinnati, OH, United States
Bakken, Theresa Anne, Cincinnati, OH, United States
PA Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)
PI US 6183757 B1 20010206
AI US 1997-868982 19970604 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Krass, Frederick; Assistant Examiner: Jagoe, Donna
LREP Murphy, Stephen T., Rosnell, Tara M.
CLMN Number of Claims: 31
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 2134

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a rinse-off antimicrobial cleansing composition effective against Gram positive bacteria, Gram negative bacteria, fungi, yeasts, molds and viruses comprising from about 0.001% to about 5% of an antimicrobial active; from about 1% to about 80% of an anionic surfactant; from about 0.1% to about 12% of a proton donating agent; and from about 3% to about 98.899% of water; wherein the composition is adjusted to a pH of from about 3.0 to about 6.0; wherein the rinse-off antimicrobial cleansing composition has an One-wash Immediate Germ Reduction Index of greater than about 2.5. The invention also encompasses methods for reducing the number of germs from the skin using these products.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 13 OF 39 USPATFULL
AN 2000:109281 USPATFULL
TI Ready to use aqueous hard surface cleaning and disinfecting compositions containing hydrogen peroxide
IN Monticello, Michael Vincent, Saddle Brook, NJ, United States
Mayerhauser, George Robert, Ringwood, NJ, United States
PA Reckitt Benckiser Inc., Wayne, NJ, United States (U.S. corporation)
PI US 6106774 20000822
AI US 1999-227464 19990108 (9)
RLI Continuation-in-part of Ser. No. US 1997-928097, filed on 12 Sep 1997, now patented, Pat. No. US 5891392
PRAI GB 1996-23473 19961112
DT Utility
FS Granted
EXNAM Primary Examiner: Thornton, Krisanne
LREP Fish & Richardson P.C.
CLMN Number of Claims: 21
ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 899

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are ready to use aqueous cleaning and disinfecting composition which includes the following constituents by weight:

0.1-20%wt. of a C.sub.1 -C.sub.6 monohydric alcohol;

1.0-10%wt. of a glycol ether, or butoxypropanol or propoxypropanol;

0.1-12%wt. of a deteritive surfactant particularly those selected from anionic, cationic, nonionic and amphoteric surfactants;

0.1-10%wt. of hydrogen peroxide;

0.1-7%wt. of an acid;

to 100%wt. water;

wherein the said composition is at an acidic pH. The composition may include minor amounts of further conventional additives.

Methods of cleaning and disinfecting surfaces are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 14 OF 39 USPATFULL

AN 1999:83640 USPATFULL

TI Tobacco filter material and a tobacco filter as produced using the same

IN Matsumura, Hiroyuki, Himeji, Japan

Shimamoto, Syu, Himeji, Japan

Shibata, Tohru, Himeji, Japan

PA Daicel Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)

PI US 5927287 19990727

AI US 1997-865672 19970530 (8)

RLI Continuation of Ser. No. US 1995-550640, filed on 31 Oct 1995, now patented, Pat. No. US 5678577

PRAI JP 1994-292148 19941031

JP 1994-292149 19941031

DT Utility

FS Granted

EXNAM Primary Examiner: Derrington, James; Assistant Examiner: Colaianni, Michael P.

LREP Pillsbury Madison & Sutro LLP

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN 5 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 1147

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A tobacco filter is produced by wrapping up a sheet-like filter material having a web structure and comprising a **cellulose** ester short staple into a rodform. As the **cellulose** ester short staple, a short staple that is non-crimped and/or has a modified cross section where a ratio D1/D2 of a diameter D1 of the circumscribed circle to a diameter D2 of the inscribed circle, each circle being of the cross section, of not less than 2 is used. The short staple includes e.g. a **cellulose** acetate fiber with an average fiber length of 1 to 10 mm and fineness of 1 to 10 deniers. The short staple may be incorporated with a beaten pulp with a Schopper-Riegler freeness of 20 to 90.degree. SR and/or a binder. The ratio of the short staple to the beaten pulp may for example be about 90/10 to 20/80 (by weight).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 15 OF 39 USPATFULL
AN 1999:12670 USPATFULL
TI Tobacco smoke filter materials, fibrous **cellulose** esters, and
production **processes**
IN Matsumura, Hiroyuki, Himeji, Japan
Shimamoto, Syu, Himeji, Japan
Shibata, Tohru, Himeji, Japan
PA Daicel Chemical Industries Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5863652 19990126
AI US 1997-813301 19970310 (8)
RLI Division of Ser. No. US 1995-546089, filed on 20 Oct 1995, now patented,
Pat. No. US 5692527
PRAI JP 1994-282584 19941021
DT Utility
FS Granted
EXNAM Primary Examiner: Edwards, Newton
LREP Pillsbury, Madison & Sutro LLP Cushman Darby & Cushman Intellectual
Property Group
CLMN Number of Claims: 4
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 754
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A tobacco smoke filter material comprises a fibrillated
cellulose ester fiber with an average fiber diameter of 15 to
250 .mu.m and a BET specific surface area of 0.5 to 4.5 m.sup.2 /g. The
fibrous **cellulose** ester content of the material may for
example be not less than 20 weight %. The **cellulose** ester
fiber is provided by, for example, extruding a **cellulose** ester
solution from a nozzle into a precipitating agent for the particular
cellulose ester and subjecting the extrudate to a shear force.
This filter material can be used in the form of, for example, a
filament, web or sheet to provide a tobacco smoke filter which assures
good smoking qualities and excellent wet disintegrability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 16 OF 39 USPATFULL
AN 1999:1346 USPATFULL
TI Tobacco filter material and a method for producing the same
IN Asai, Tanemi, Ibo-gun, Japan
Shimamoto, Syu, Himeji, Japan
Matsumura, Hiroyuki, Himeji, Japan
Shibata, Tohru, Himeji, Japan
PA Daicel Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5856006 19990105
AI US 1995-532280 19950922 (8)
PRAI JP 1994-254557 19940919
JP 1994-280053 19941019
DT Utility
FS Granted
EXNAM Primary Examiner: Krynski, William; Assistant Examiner: Gray, J. M.
LREP Pillsbury, Madison & Sutro LLP
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1383
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A tobacco filter material containing fibers which have a core and a
surface layer which surrounds the core, wherein the core comprises a
non-esterified **cellulose** and the surface layer comprises a
cellulose ester. The fiber may be (A) a **cellulose**
fiber coated with a **cellulose** ester or (B) a fibrous
cellulose derivative with its surface layer esterified by an

organic acid and having an average degree of substitution of not more than 1.5. Wood pulp can be used as the **cellulose** fiber and the amount of the **cellulose** ester in the coated **cellulose** (A) is 0.1% by weight or more. The **cellulose** derivative (B) has its surface layer esterified with an organic acid and retains a non-esterified core portion. This **cellulose** derivative may be obtained, for example, by the non-catalytic liquid phase treatment of a **cellulose** fiber with an organic acid and an organic acid anhydride or halide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 17 OF 39 USPATFULL
AN 1998:161980 USPATFULL
TI Fluoride dentifrices of enhanced efficacy
IN Zhang, Yun Po, Hillsborough, NJ, United States
Gaffar, Abdul, Princeton, NJ, United States
PA Colgate-Palmolive Company, New York, NY, United States (U.S.
corporation)
PI US 5853704 19981229
AI US 1997-935367 19970922 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Rose, Shep K.
LREP Goldfine, Henry S.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 474

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multicomponent anticaries dentifrice composition and method of use therefore, having a first dentifrice component containing a fluoride ion source and a second dentifrice component containing a casein glycomacropeptide compound, wherein the components are physically separated before use and are combined immediately prior to application to the teeth, the dentifrice exhibiting enhanced enamel remineralization.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 18 OF 39 USPATFULL
AN 1998:108135 USPATFULL
TI **Cellulose** ester compositions and shaped articles
IN Itoh, Masanori, Kashiwa, Japan
Miyazawa, Akira, Ashiya, Japan
Aoe, Teruo, Okayama, Japan
Ikemoto, Osamu, Okayama, Japan
PA Daicel Chemical Industries, Ltd, Osaka, Japan (non-U.S. corporation)
Tayca Corporation, Osaka, Japan (non-U.S. corporation)
PI US 5804296 19980908
AI US 1995-567023 19951204 (8)
PRAI JP 1994-330022 19941205
DT Utility
FS Granted
EXNAM Primary Examiner: Pezzuto, Helen L.
LREP Pillsbury, Madison & Sutro LLP Cushman Darby & Cushman Intellectual
Property Group
CLMN Number of Claims: 34
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1318
AB A composition comprises a **cellulose** acetate or other **cellulose** ester, and an anatase-type titanium oxide having (1) a specific surface area of not less than 30 m.² /g, (2) a primary

particle size of 0.001 to 0.07 .mu.m, or (3) a specific surface area of not less than 30 m.sup.2 /g and a primary particle size of 0.001 to 0.07 .mu.m. For improving the photodegradability and the dispersibility, the surface of the titanium oxide may be treated with a phosphoric acid salt or other phosphorus compound, a polyhydric alcohol, an amino acid or others. Use of a low-substituted **cellulose** ester with an average substitution degree not exceeding 2.15 insures high biodegradability. The composition may further contain a plasticizer and/or an aliphatic polyester, a biodegradation accelerator (e.g. organic acids or esters thereof). The degradable **cellulose** ester composition is highly photodegradable and moldable and hence useful for the manufacture of various articles.

L6 ANSWER 19 OF 39 USPATFULL
AN 1998:95004 USPATFULL
TI Hydroxypropylated 2-nitro-p-phenylenediamines, and compositions for dyeing keratinous fibers which contain hydroxypropylated 2-nitro-p-phenylenediamines
IN Lagrange, Alain, Coupvray, France
Junino, Alex, Livry-Gargan, France
Genet, Alain, Aulnay-sous-Bois, France
Cotteret, Jean, Verneuil-sur-Seine, France
PA L'Oreal, Paris, France (non-U.S. corporation)
PI US 5792221 19980811
AI US 1996-755628 19961125 (8)
RLI Continuation of Ser. No. US 1994-351241, filed on 7 Dec 1994, now abandoned
PRAI FR 1992-7515 19920619
DT Utility
FS Granted
EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Dusheck, Caroline L.
LREP Jacobson, Price, Holman & Stern, PLLC
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 883
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A hydroxypropylated 2-nitro-p-phenylenediamine of formula (I), wherein R1 is a C1-4 alkyl, .beta.-hydroxyethyl, .beta.-hydroxypropyl or .gamma.-hydroxypropyl radical; R2 and R3 independently represent a .beta.-hydroxyethyl, .beta.-hydroxypropyl, .gamma.-hydroxypropyl or .beta.,.gamma.-dihydroxypropyl radical, with the proviso that at least one of R1, R2 and R3 is a .gamma.-hydroxypropyl radical, while the other two are not both a .beta.-hydroxyethyl radical; and cosmetically acceptable salts thereof. This compound may be used for directly dyeing hair to give blue through purplish blue shades which are wash-fast, light-fast, waterproof and sweat resistant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 20 OF 39 USPATFULL
AN 1998:19291 USPATFULL
TI Biodegradable **cellulose** ester composition and article
IN Itoh, Masanori, Kashiwa, Japan
Kiyose, Atsunobu, Himeji, Japan
Hirao, Katsumi, Akashi, Japan
PA Daicel Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5720803 19980224
AI US 1996-701692 19960822 (8)
RLI Division of Ser. No. US 1995-494284, filed on 23 Jun 1995, now patented, Pat. No. US 5609677 which is a continuation of Ser. No. US 1993-151037, filed on 12 Nov 1993, now patented, Pat. No. US 5478386

PRAI JP 1992-328646 19921113
JP 1993-196819 19930713
JP 1993-196820 19930713
DT Utility
FS Granted
EXNAM Primary Examiner: Green, Anthony
LREP Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro, LLP
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1000
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The composition comprising a **cellulose** ester including at least 10 weight % of a low-substituted **cellulose** ester having an average degree of substitution not exceeding 2.15 and giving a 4-week decomposition rate of at least 60 weight % as determined using the amount of evolution of carbon dioxide as an indicator in accordance with ASTM 125209-91. The composition may contain a plasticizer, an aliphatic polyester, a photolysis accelerator such as anatase type titanium dioxide or a biodegradation accelerator such as organic acids and their esters. The low-substituted **cellulose** ester may be a **cellulose** ester having an average degree of polymerization from 50 to 250, an average degree of substitution from 1.0 to 2.15 and a residual alkali metal/alkaline earth metal-to-residual **sulfuric** acid equivalent ratio of 0.1 to 1.1. The biodegradable **cellulose** ester composition is suitable for the manufacture of various articles including fibrous articles such as tobacco filters.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 21 OF 39 USPATFULL
AN 97:111382 USPATFULL
TI Tobacco smoke filter materials, fibrous **cellulose** esters, and production **processes**
IN Matsumura, Hiroyuki, Himeji, Japan
Shimamoto, Syu, Himeji, Japan
Shibata, Tohru, Himeji, Japan
PA Daicel Chemical Industries, Ltd., Sakai, Japan (non-U.S. corporation)
PI US 5692527 19971202
AI US 1995-546089 19951020 (8)
PRAI JP 1994-282584 19941021
DT Utility
FS Granted
EXNAM Primary Examiner: Bahr, Jennifer
LREP Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro, LLP
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN 4 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 767
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A tobacco smoke filter material has a fibrillated **cellulose** ester fiber with an average fiber diameter of 15 to 250 .mu.m and a BET specific surface area of 0.5 to 4.5 m.sup.2 /g. The fibrous **cellulose** ester content of the material may for example be not less than 20 weight %. The **cellulose** ester fiber is provided by, for example, extruding a **cellulose** ester solution from a nozzle into a precipitating agent for the particular **cellulose** ester and subjecting the extrudate to a shear force. This filter material can be used in the form of, for example, a filament, web or sheet to provide a tobacco smoke filter which assures good smoking qualities and excellent wet disintegratability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 22 OF 39 USPATFULL
AN 97:95801 USPATFULL
TI Tobacco filter material and a tobacco filter as produced using the same
IN Matsumura, Hiroyuki, Himeji, Japan
Shimamoto, Syu, Himeji, Japan
Shibata, Tohru, Himeji, Japan
PA Daicel Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5678577 19971021
AI US 1995-550640 19951031 (8)
PRAI JP 1994-292148 19941031
JP 1994-292149 19941031
DT Utility
FS Granted
EXNAM Primary Examiner: Bahr, Jennifer
LREP Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro, LLP
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN 5 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1153
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A tobacco filter is produced by wrapping up a sheet-like filter material having a web structure and comprising a **cellulose** ester short staple into a rod-form. As the **cellulose** ester short staple, a short staple that is non-crimped and/or has a modified cross section where a ratio D1/D2 of a diameter D1 of the circumscribed circle to a diameter D2 of the inscribed circle, each circle being of the cross section, of not less than 2 is used. The short staple includes e.g. a **cellulose** acetate fiber with an average fiber length of 1 to 10 mm and fineness of 1 to 10 deniers. The short staple may be incorporated with a beaten pulp with a Schopper-Riegler freeness of 20 to 90.degree. SR and/or a binder. The ratio of the short staple to the beaten pulp may for example be about 90/10 to 20/80 (by weight).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 23 OF 39 USPATFULL
AN 97:68148 USPATFULL
TI Personal product compositions comprising heteroatom containing alkyl aldonamide compounds
IN Vermeer, Robert, Nutley, NJ, United States
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5653970 19970805
AI US 1994-352008 19941208 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Gardner, Sallie M.
LREP Koatz, Ronald A.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 6060
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention relates to personal product compositions containing heteroatom containing alkyl aldonamide compounds and skin conditioning agent. Unexpectedly, applicants have found that when these heteroatom containing alkyl aldonamides are used, benefits such as enhanced stability and/or enhanced viscosity are obtained relative to the use of other known thickeners or non-heteroatom containing aldonamides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 24 OF 39 USPATFULL
AN 97:53932 USPATFULL

TI Hair care compositions comprising heteroatom containing alkyl aldonamide compounds
IN Vermeer, Robert, Nutley, NJ, United States
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5641480 19970624
AI US 1994-352309 19941208 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Gardner, Salle M.
LREP Koatz, Ronald A.
CLMN Number of Claims: 1
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5444

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to hair care compositions containing heteroatom containing alkyl aldonamide compounds and hair conditioning agents. Unexpectedly, applicants have found that when these heteroatom containing alkyl aldonamides are used, benefits such as enhanced stability and/or enhanced viscosity are obtained relative to the use of other known thickeners or non-heteroatom containing aldonamides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 25 OF 39 USPATFULL
AN 97:36166 USPATFULL
TI Oral hygiene compositions comprising heteroatom containing alkyl aldonamide compounds
IN Vermeer, Robert, Nutley, NJ, United States
PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)
PI US 5624906 19970429
AI US 1994-351930 19941208 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Kight, John; Assistant Examiner: Lee, Howard C.
LREP Koatz, Ronald A.
CLMN Number of Claims: 24
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 5216

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is related to new oral hygiene compositions that have improved foam, viscosity, clarity and good taste due to the inclusion of a new type of alkyl aldonamide compound, specifically heteroatom containing alkyl aldonamide compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 26 OF 39 USPATFULL
AN 97:20051 USPATFULL
TI Biodegradable **cellulose** ester composition and article
IN Itoh, Masanori, Kashiwa, Japan
Kiyose, Atsunobu, Himeji, Japan
Hirao, Katsumi, Akashi, Japan
PA Daicel Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5609677 19970311
AI US 1995-494284 19950623 (8)
RLI Continuation of Ser. No. US 1993-151037, filed on 12 Nov 1993, now patented, Pat. No. US 5478386
PRAI JP 1992-328646 19921113
JP 1993-196819 19930713
JP 1993-196820 19930713

DT Utility
FS Granted
EXNAM Primary Examiner: Green, Anthony
LREP Cushman Darby & Cushman IP Group of Pillsbury Madison & Sutro, LLP
CLMN Number of Claims: 31
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1029

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The composition comprising a **cellulose** ester including at least 10 weight % of a low-substituted **cellulose** ester having an average degree of substitution not exceeding 2.15 and giving a 4-week decomposition rate of at least 60 weight % as determined using the amount of evolution of carbon dioxide as an indicator in accordance with ASTM 125209-91. The composition may contain a plasticizer, an aliphatic polyester, a photolysis accelerator such as anatase type titanium dioxide or a biodegradation accelerator such as organic acids and their esters. The low-substituted **cellulose** ester may be a **cellulose** ester having an average degree of polymerization from 50 to 250, an average degree of substitution from 1.0 to 2.15 and a residual alkali metal/alkaline earth metal-to-residual **sulfuric** acid equivalent ratio of 0.1 to 1.1. The biodegradable **cellulose** ester composition is suitable for the manufacture of various articles including fibrous articles such as tobacco filters.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 27 OF 39 USPATFULL
AN 96:41378 USPATFULL
TI Hydroxyethylated 2-nitro-p-phenylenediamines and use thereof for dyeing keratin fibers
IN Lagrange, Alain, Coupvray, France
Junino, Alex, Livry-Gargan, France
Genet, Alain, Aulnay-sous-Bois, France
Cotteret, Jean, Verneuil-sur-Seine, France
PA L'Oreal, Paris, France (non-U.S. corporation)
PI US 5516942 19960514
WO 9400415 19940106
AI US 1994-351242 19941207 (8)
WO 1993-FR571 19930615
19941207 PCT 371 date
19941207 PCT 102(e) date
PRAI FR 1992-7516 19920619
DT Utility
FS Granted
EXNAM Primary Examiner: Raymond, Richard L.
LREP Jacobson, Price, Holman & Stern
CLMN Number of Claims: 21
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 474

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A N1,N4-dihydroxyethylated 2-nitro-p-phenylenediamine of formula (I), wherein R is C3-4 alkyl, and cosmetically acceptable salts thereof, for use in direct dyeing to give blue through purple shades which are wash-fast, light-fast, weatherproof and sweat resistant, and optionally combined with yellow and optionally read or orange-coloured dyes to give natural hues.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 28 OF 39 USPATFULL
AN 96:34154 USPATFULL
TI Sulfonate ACAT inhibitors

IN Lee, Helen T., Ann Arbor, MI, United States
Picard, Joseph A., Canton, MI, United States
Sliskovic, Drago R., Ypsilanti, MI, United States
PA Warner-Lambert Company, Morris Plains, NJ, United States (U.S.
corporation)
PI US 5510379 19960423
AI US 1994-359144 19941219 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Tsang, Cecilia; Assistant Examiner: Wong, King Lit
LREP Ashbrook, Charles W., Crissey, Todd M.
CLMN Number of Claims: 13
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 816
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB .beta.-Carboxy sulfonates of the formula ##STR1## wherein R.₁ is
aryl, R.₃ and R.₄ are hydrogen or alkyl, Y is -O-, -S-, or
-NR.₂ -, and R.₅ is alkyl or aryl are potent inhibitors of the
enzyme acyl CoA:cholesterol acyltransferase (ACAT) and are thus useful
for treating hypercholesterolemia and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 29 OF 39 USPATFULL
AN 96:12891 USPATFULL
TI .beta.-carboxy sulfonamide ACAT inhibitors
IN Lee, Helen T., Ann Arbor, MI, United States
Picard, Joseph A., Canton, MI, United States
Sliskovic, Drago R., Ypsilanti, MI, United States
PA Warner-Lambert Company, Morris Plains, NJ, United States (U.S.
corporation)
PI US 5491170 19960213
AI US 1994-359115 19941219 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Raymond, Richard L.
LREP Ashbrook, Charles W.
CLMN Number of Claims: 40
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1160
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB .beta.-Carboxy sulfonyl compounds of the formula ##STR1## wherein
R.₁ is aryl, R.₃ is hydrogen or alkyl, R.₃ and R.₄ are
hydrogen or alkyl, Y is --O--, --S--, or --NR.₂ --, and R.₅ is
alkyl or aryl are potent inhibitors of the enzyme acyl CoA:cholesterol
acyltransferase (ACAT) and are thus useful for treating
hypercholesterolemia and atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 30 OF 39 USPATFULL
AN 95:114304 USPATFULL
TI Biodegradable cellulose ester composition and article
IN Itoh, Masanori, Kashiwa, Japan
Kiyose, Atsunobu, Himeji, Japan
Hirao, Katsumi, Akashi, Japan
PA Daicel Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5478386 19951226 check
AI US 1993-151037 19931112 (8)
PRAI JP 1992-328646 19921113
JP 1993-196819 19930713
JP 1993-196820 19930713

DT Utility
FS Granted
EXNAM Primary Examiner: Green, Anthony
LREP Cushman Darby & Cushman
CLMN Number of Claims: 31
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1038

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The composition comprising a **cellulose** ester including at least 10 weight % of a low-substituted **cellulose** ester having an average degree of substitution not exceeding 2.15 and giving a 4-week decomposition rate of at least 60 weight % as determined using the amount of evolution of carbon dioxide as an indicator in accordance with ASTM 125209-91. The composition may contain a plasticizer, an aliphatic polyester, a photolysis accelerator such as anatase type titanium dioxide or a biodegradation accelerator such as organic acids and their esters. The low-substituted **cellulose** ester may be a **cellulose** ester having an average degree of polymerization from 50 to 250, an average degree of substitution from 1.0 to 2.15 and a residual alkali metal/alkaline earth metal-to-residual **sulfuric** acid equivalent ratio of 0.1 to 1.1. The biodegradable **cellulose** ester composition is suitable for the manufacture of various articles including fibrous articles such as tobacco filters.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 31 OF 39 USPATFULL
AN 92:42535 USPATFULL
TI Permanent waving composition
IN Yoshioka, Issei, Osaka, Japan
Kamimura, Yoichi, Nara, Japan
Kitano, Masao, Kamakura, Japan
Goto, Yujiro, Kawasaki, Japan
PA Seiwa Kasei Co., Ltd., Osaka, Japan (non-U.S. corporation)
PI US 5116608 19920526
AI US 1989-411979 19890925 (7)
PRAI JP 1988-245795 19880929
DT Utility
FS Granted
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Colucci, D.
LREP Armstrong & Kubovcik
CLMN Number of Claims: 4
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 655

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An aqueous permanent waving composition containing as a reducing agent a quaternary ammoniomercaptan or its salt of the formula: ##STR1## wherein R.sup.1, R.sup.2, and R.sup.3 are an alkyl group or a hydroxyalkyl group, A is an alkylene group, and X is a halogen atom, NO.sub.3, 1/2SO.sub.4, OH or R.sup.4 OSO.sub.3 in which R.sup.4 is an alkyl group, which can be used under an acidic, neutral or alkaline condition and can impart good waves to hairs with a little damage of the hairs and a little foul smell.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 32 OF 39 USPATFULL
AN 89:49524 USPATFULL
TI Photoconductive composition having an azaazulenium salt
IN Makino, Naonori, Kanagawa, Japan
Hioki, Takanori, Kanagawa, Japan
Inagaki, Yoshio, Kanagawa, Japan

PA Horie, Seiji, Kanagawa, Japan
PI Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
AI US 4840862 19890620
PRAI US 1987-82462 19870807 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Goodrow, John L.
LREP Sughrue, Mion, Zinn, Macpeak & Seas
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1005

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A photoconductive composition containing at least one of azaazulenium salt compounds represented by the following formula (I): ##STR1## wherein R.₁, R.₂, R.₃, R.₄, R.₅ and R.₆ each represents a hydrogen atom, a halogen atom, a hydroxyl group, a nitro group, a carboxyl group, a sulfonic acid group, a mercapto group or a monovalent organic residue; A represents a divalent organic group bonded by the double bond; X.ⁿ represents an anionic group; n is the number of X.ⁿ groups required to balance the positive charge; provided that each X.ⁿ group may be bonded to any of R.₁, R.₂, R.₃, R.₄, R.₅, R.₆ or A to form an inner salt; and any two of R.₂, R.₃, R.₄, R.₅ and R.₆ bonded to adjacent carbon atoms may be linked to form a substituted or unsubstituted aromatic carbocyclic or aromatic heterocyclic ring. The photoconductive composition provides an electrophotographic photoreceptor having high sensitivity and stable charging properties even after long use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 33 OF 39 USPATFULL
AN 79:13133 USPATFULL
TI Amorphous precipitated siliceous pigments and methods for their production
IN Wason, Satish K., Churchville, MD, United States
PA J. M. Huber Corporation, Locust, NJ, United States (U.S. corporation)
PI US 4144321 19790313
AI US 1976-653720 19760130 (5)
RLI Continuation-in-part of Ser. No. US 1974-519720, filed on 31 Oct 1974, now patented, Pat. No. US 3988162 which is a continuation-in-part of Ser. No. US 1972-286655, filed on 6 Sep 1972, now patented, Pat. No. US 3893840
DT Utility
FS Granted
EXNAM Primary Examiner: Rose, Shep K.
LREP Price, Robert L., Flanders, Harold H.
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1040

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A new method for producing precipitated silicas having a unique combination of physical and chemical properties is disclosed. The silicas are produced by acidulating a solution of an alkali metal silicate having a specific SiO₂ /Na₂O mol ratio with an acid until precipitation just begins. At this point, the reaction mass is aged for a period of time and thereafter the acid addition is continued until the precipitated product is obtained. Products produced in accordance with the invention exhibit lower wet cake moisture and are characterized by their low structure, low oil absorption, high abrasiveness and high pack density, and as such are distinctly different

from silicas used as reinforcing fillers in rubber. In a particularly advantageous embodiment, an adduct material, such as aluminum, is added to control the refractive index of the precipitated pigment. Products produced in this manner have particular utility for use as abrasion and gelling agents in clear toothpaste compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 34 OF 39 USPATFULL
AN 77:41660 USPATFULL
TI Preparation of precipitated silicas having controlled refractive index
IN Wason, Satish K., Churchville, MD, United States
PA J. M. Huber Corporation, Locust, NJ, United States (U.S. corporation)
PI US 4040858 19770809
AI US 1976-693591 19760607 (5)
DCD 19931026
RLI Continuation-in-part of Ser. No. US 1974-519720, filed on 31 Oct 1974,
now Defensive Publication No. which is a continuation-in-part of Ser.
No. US 1972-286655, filed on 6 Sep 1972, now patented, Pat. No. US
3893840
DT Utility
FS Granted
EXNAM Primary Examiner: Douglas, Winston A.; Assistant Examiner: Howard, J. V.
LREP Price, Robert L., Flanders, Harold H.
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 809

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method for producing precipitated silicas and silicates having a unique combination of physical and chemical properties is disclosed wherein the silicas are produced by acidulating alkali metal silicate solutions. The refractive index of the silicas is controlled within desired ranges by the addition of an adduct material, such as aluminum, during the reaction. The products can be used as abrasive and polishing agents in dentifrice compositions, in the production of molecular sieves, in paints and the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 35 OF 39 USPATFULL
AN 77:16698 USPATFULL
TI Amorphous precipitated siliceous pigments
IN Wason, Satish K., Churchville, MD, United States
PA J. M. Huber Corporation, Locust, NJ, United States (U.S. corporation)
PI US 4015996 19770405
AI US 1975-564255 19750402 (5)
RLI Continuation-in-part of Ser. No. US 1974-519720, filed on 31 Oct 1974,
now Defensive Publication No. which is a continuation-in-part of Ser.
No. US 1974-286655, filed on 6 Sep 1974, now patented, Pat. No. US
3893840
DT Utility
FS Granted
EXNAM Primary Examiner: Douglas, Winston A.; Assistant Examiner: Howard, J. V.
LREP Flanders, Harold H.
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1001

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A new precipitated silica having a unique combination of physical and chemical properties is disclosed. The silicon dioxide is produced by acidulating a solution of an alkali metal silicate having a specific $\text{SiO}_{\text{sub.2}}/\text{Na}_{\text{sub.2}}\text{O}$ mol ratio with an acid until precipitation just

begins. At this point, the reaction mass is aged for a period of time and thereafter the acid addition is continued until the precipitated product is obtained. Products produced in this manner exhibit lower wet cake moisture and are characterized by their low structure, low oil absorption, high abrasiveness and high pack density, and as such are distinctly different from silicas used as reinforcing fillers in rubber. An adduct material, such as aluminum, is added to control the refractive index and surface area of the precipitated product. Because of the controlled refractive index and other properties, the novel silicon dioxides have particular utility for use as abrasion and gelling agents in clear toothpaste compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 36 OF 39 USPATFULL
AN 76:58189 USPATFULL
TI Amorphous precipitated silica products and method for their production
IN Wason, Satish K., Churchville, MD, United States
PA J. M. Huber Corporation, Locust, NJ, United States (U.S. corporation)
PI US 3988162 19761026
AI US 1974-519720 19741031 (5)
RLI Continuation-in-part of Ser. No. US 1972-286655, filed on 6 Sep 1972,
now patented, Pat. No. US 3893840
DT Utility
FS Granted
EXNAM Primary Examiner: Douglas, Winston A.; Assistant Examiner: Howard, J. V.
LREP Flanders, Harold H., Price, Robert L.
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)
LN.CNT 1026

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A new method for producing precipitated silicas having a unique combination of physical and chemical properties is disclosed. The silicas are produced by acidulating a solution of an alkali metal silicate having a specific $\text{SiO}_{\text{sub}}.2 / \text{Na}_{\text{sub}}.2 \text{O}$ mol ratio with an acid until precipitation just begins. At this point, the reaction mass is aged for a period of time and thereafter the acid addition is continued until the precipitated product is obtained. Products produced in accordance with the invention exhibit lower wet cake moisture and are characterized by their low structure, low oil absorption, high abrasiveness and high pack density, and as such are distinctly different from silicas used as reinforcing fillers in rubber. In a particularly advantageous embodiment, an adduct material, such as aluminum, is added to control the refractive index of the precipitated pigment silica. Products produced in this manner have particular utility for use as abrasion and gelling agents in clear toothpaste compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 37 OF 39 USPATFULL
AN 75:37988 USPATFULL
TI Recording sheet
IN Kato, Hajime, Shizuoka, Japan
Hayashi, Takao, Shizuoka, Japan
PA Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)
PI US 3896255 19750722
AI US 1973-378859 19730713 (5)
PRAI JP 1972-70498 19720714
DT Utility
FS Granted
EXNAM Primary Examiner: Herbert, Jr., Thomas J.
LREP Sughrue, Rothwell, Mion, Zinn & Macpeak
CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 503

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A recording sheet which comprises a layer of a color developer which forms a color image upon contact with a color coupler, said layer containing at least one metal compound of an aromatic carboxylic acid and a surface active agent is disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 38 OF 39 USPATFULL

AN 72:6079 USPATFULL

TI SILVER HALIDE EMULSIONS CONTAINING A DYE DERIVED FROM 4,6-DIARYL SUBSTITUTED PICOLINIUM SALTS AS DESENSITIZER

IN Brooker, Leslie G. S., Rochester, NY, United States
Daniel, Daniel S., Rochester, NY, United States

Taber, Robert C., Rochester, NY, United States

PA Eastman Kodak Company, Rochester, NY, United States

PI US 3639127 19720201

AI US 1970-57831 19700723 (5)

DT Utility

FS Granted

EXNAM Primary Examiner: Torchin, Norman G.; Assistant Examiner: Louie, Jr.,
Won H.

LREP Kline; W. H. J., Neely; William E.

CLMN Number of Claims: 19

DRWN No Drawings

LN.CNT 785

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Photographic silver halide emulsions containing cyanine, styryl and merocyanine dyes derived from 4,6-diaryl substituted picolinium salts, which either sensitize or desensitize silver halide emulsions and photographic elements containing said emulsions are described.

3'-Ethyl-1,4,6-triphenyl-2-pyridothiacyanine iodide,

2-(3-nitrostyryl)-1,4,6-triphenylpyridinium iodide and

3-ethyl-5-{{1,4,6-tri(-methoxy-phenyl)-2(1H)-pyridylidene}-ethylidene} rhodanine are illustrative of the dye compounds employed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 39 OF 39 USPATFULL

AN 72:4670 USPATFULL

TI STAIN REMOVAL

IN Gray, Frederick William, 14 Stockton Road, Summit, NJ, United States
07901

PI US 3637339 19720125

AI US 1968-726571 19680503 (4)

RLI Continuation-in-part of Ser. No. US 1968-711203, filed on 7 Mar 1968

DT Utility

FS Granted

EXNAM Primary Examiner: Weinblatt, Mayer

LREP Sylvester; Herbert S., Grill; Murray M., Blumenkopf; Norman, Cornell;
Ronald S., Corum; Thomas J., Miller; Richard N., Stone; Robert L.

CLMN Number of Claims: 21

DRWN No Drawings

LN.CNT 667

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Composition for removing stains from fabrics, including, an enzyme, a per-compound, and an activator for the perborate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.